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ABSTRACT

The Virginia Council of Higher Education annually collects a variety of data on the activities of academic institutions in the state. This report presents data on the activities of Virginia's academic libraries during the 1990-91 academic year. Data are reported on collections, staff, expenditures, costs for monographs and periodicals, services and automation, and interlibrary loans. A short narrative summary precedes the data tables, and five sets of tables are included: a systemwide summary; separate sets for public four-year, public two-year, and independent institutions; and a ranking of all Virginia academic libraries according to 15 data elements. (JLB)

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COMMONWEALTH of VIRGINIA

COUNCIL OF HIGHER EDUCATION

ACADEMIC LIBRARIES IN VIRGINIA

1990-1991

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ACADEMIC LIBRARIES IN VIRGINIA

1990-1991

STATE COUNCIL OF HIGHER EDUCATION FOR VIRGINIA

April 1992

STR 92-01

ACADEMIC LIBRARIES IN VIRGINIA, 1990-1991

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April 1992

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Preface

The Council of Higher Education annually collects a variety of data on the activities of Virginia's academic institutions. This report presents data on the activities of Virginia's academic libraries during the 1990-1991 academic year. The data were derived primarily from the Council's survey, College and University Libraries, 1990-1991 and Fall 1991 (Form LB). Data on the educational and general expenditures (E&G) of the institutions were taken from the Integrated Postsecondary Education Data System survey, Finance, FY 1991 (IPEDS F1/F2).

Two independent institutions, Institute of Textile Technology and Virginia Seminary and College, did not respond to the Council's survey. Data for two other independent institutions, Notre Dame Apostolic Catechetical Institute and Presbyterian School of Christian Educaiton, are not included because those institutions provide library services through third-party agreements.

The responding institutions sometimes omitted specific data elements on their survey responses. These missing data are indicated by dashes [----] in the appropriate tables.

A short narrative summary precedes the data tables that show the academic libraries' activities during 1990-1991. Five sets of tables are included: a systemwide summary; separate sets for public four-year, public two-year, and independent institutions; and a ranking of all Virginia academic libraries according to fifteen data elements.

During the collection and compilation of the data contained herein, the Council staff received the full cooperation and assistance of the responding libraries. Every effort has been made to ensure that the data are as accurate and complete as possible.

ACADEMIC LIBRARIES IN VIRGINIA, 1990-1991

During the 1990-1991 academic year, fiscal constraints restrained the growth of collections, forced staff positions to remain unfilled, and limited both expenditures and services of the academic libraries. Yet the libraries continued to respond to increased demands for information resources and services through increased reliance on electronic technology and shared resources. Compared to the previous year,

Virginia's academic library collections grew at a modest rate.

- Bookstock increased by 771,258 volumes (4.81 %)
- Periodical subscriptions decreased by 120 (-0.09 %)
- Microform pieces increased by 3,893,729 (18.63 %)

The libraries relied more heavily on part-time staff.

- Full-time staff positions decreased by 24 (-1.61 %)
- Part-time staff positions increased by 47.80 FTE (42.29%)
- 90.50 FTE staff positions remained vacant, an increase of 10.50 FTE (13.13 %)
- Student assistance decreased by 8.29 FTE (-1.80 %)

Library funding increased only slightly.

- Expenditures for materials increased by $760,701 (2.65 %)
- Total expenditures increased by $167,342 (0.20 %)
- Library percent of E&G expenditure remained steady at 3.48%

Increased expenditures for periodicals did not keep pace with inflation of periodical subscription prices.

- Periodical expenditures increased by $1,291,666 (8.81 %)
- Average cost of subscriptions rose from $115.69 to $127.36, a one-year increase of $10.09 %

Library service hours and circulations declined slightly.

- 5.27 million items circulated, decreasing by 14,354 items (-0.27 %)
- Average weekly service decreased from 80.9 to 80.0 hours

The libraries increasingly relied on electronic technologies.

- Membership in library networks increased by 7 libraries (13.46 %)
- Automated library catalogs now contain more than 90 percent of the libraries' book holdings
- Patron use of fee-based automated search services increased by 68,350 searches (49.33 %) while their cost decreased by $216,704 (-28.87 %)

More library resources were shared within the Commonwealth.

- Total interlibrary loans increased by 28,139 transactions (9.24 %)
- Items lent to other Virginia libraries increased by 16,114 (22.83 %)
- Items borrowed from other Virginia libraries increased by 10,110 (24.22 %)

TABLE 1 - LIBRARY COLLECTIONS IN ALL ACADEMIC INSTITUTIONS, 1990-1991

All Institutions 1990-1991	Bookstock		Volumes Withdrawn From Coll.	Current Period. Sub-scriptns	Unbound Noncurr. Periodicals		Documents (If in a Separate Collectn)	Microforms			Audio-Visual Materials	All Other Materials
	Volumes Held	Titles Held			Volumes	Titles		Book Titles	Periodl Titles	All Microforms		
All 4-Yr Public	10,537,422	6,634,878	65,917	85,048	40,549	4,926	3,326,127	505,452	8,882	19,037,098	305,825	1,657,817
All 2-Yr Public	1,270,994	972,204	24,372	8,183	38,851	6,825	43,463	223,734	5,720	654,397	119,235	17,167
All Independent	5,010,504	2,573,388	34,216	37,882	67,571	8,509	567,327	293,017	108,999	5,099,755	221,411	58,388
All Institutions	16,818,920	10,180,470	124,505	131,113	146,971	20,260	3,936,917	1,022,203	123,601	24,791,250	646,471	1,733,372
Previous Yr. (89/90)	16,047,662	9,803,235	111,293	130,993	138,788	17,419	3,865,231	1,014,414	116,764	20,897,521	588,340	1,581,398
Change Over Year	771,258	377,235	13,212	120	8,183	2,841	71,686	7,789	6,837	3,893,729	58,131	151,974
Percent Change	4.81%	3.85%	11.87%	0.09%	5.90%	16.31%	1.85%	0.77%	5.86%	18.63%	9.88%	9.61%

TABLE 2 - LIBRARY STAFF IN ALL ACADEMIC INSTITUTIONS, 1990/1991

All Institutions 1990-1991	Chief Librarians			Other Librarians			Other Professionals			Technical/Clerical			All Staff			Student Assistants	
	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Total Hours	FTE's
All 4-Yr Public	50	0.00	6.00	245	7.69	20.00	30	1.00	1.00	582	46.58	37.00	907	55.27	64.00	526,661	277.77
All 2-Yr Public	34	0.00	0.00	35	6.28	2.00	40	2.05	2.00	65	22.02	4.50	174	30.35	8.50	49,730	26.23
All Independent	47	9.80	0.50	113	13.57	4.00	18	6.03	0.00	212	45.83	13.50	390	75.23	18.00	281,208	148.32
All Institutions	131	9.80	6.50	393	27.54	26.00	88	9.08	3.00	859	114.43	55.00	1,471	160.85	90.50	857,600	452.32
Previous Yr. (89/90)	155	2.90	3.00	379	22.79	26.00	134	3.02	6.50	827	84.47	44.50	1,495	113.05	80.00	873,326	460.61
Change Over Year	(24)	6.90	3.50	14	4.75	0.00	(46)	6.06	(3.50)	32	29.96	10.50	(24)	47.80	10.50	(15,726)	(8.29)
Percent Change	-15.48%	237.93%	116.67%	3.69%	20.84%	0.00%	-34.33%	200.66%	-53.85%	3.87%	35.47%	23.60%	-1.61%	42.29%	13.13%	-1.80%	-1.80%

TABLE 3 - TOTAL LIBRARY EXPENDITURES IN ALL ACADEMIC INSTITUTIONS, 1990/1991

All Institutions 1990-1991	Expenditures for Materials					All Library Expenditures							Library Exp. as Pct. of E&G
	Books	Periodicals	Microforms	Audio-Visuals	Other Materials	Materials	Salaries	Wages	Salaries and Wages	Binding	All Other	Total	
4-Yr Public	6,143,638	12,247,813	650,785	293,450	892,544	20,228,230	24,368,203	2,108,895	26,477,098	821,762	7,016,327	54,543,417	3.34%
2-Yr Public	606,288	430,705	216,211	73,688	86,834	1,413,726	5,876,355	52,263	5,928,618	10,870	401,528	7,754,742	2.61%
Independent	3,298,469	3,811,345	306,984	248,683	185,854	7,851,335	9,452,744	972,522	10,425,266	227,328	2,881,732	21,385,661	4.38%
All	10,048,395	16,489,863	1,173,981	615,821	1,165,232	29,493,291	39,697,302	3,133,680	42,830,982	1,059,960	10,299,588	83,683,820	3.48%
Previous Yr.	10,211,855	15,368,810	1,290,767	720,541	1,140,617	28,732,590	38,986,691	3,127,419	42,114,110	1,032,850	11,636,928	83,516,478	3.48%
Change	(163,460)	1,121,053	(116,786)	(104,720)	24,615	760,701	710,611	6,261	716,872	27,110	(1,337,340)	167,342	0.01%
Pct. Change	-1.60%	7.29%	-9.05%	-14.53%	2.16%	2.65%	1.82%	0.20%	1.70%	2.62%	-11.49%	0.20%	

TABLE 4 - UNIT COSTS FOR MONOGRAPHS AND PERIODICALS PURCHASED BY ALL ACADEMIC INSTITUTIONS, 1990/1991

All Institutions 1990-1991	Monographs					Periodicals				
	Expenditure	No. of Volumes	Unit Cost	Previous Yr's UC	Percent Change	Expenditure	No. of Subs.	Unit Cost	Previous Yr's UC	Percent Change
All 4-Yr Public	6,148,090	167,524	36.70	33.47	9.64%	11,717,688	80,801	145.02	127.81	13.46%
All 2-Yr Public	606,288	23,158	26.18	25.76	1.62%	430,705	8,360	51.52	56.19	-8.32%
All Independent	3,221,822	114,897	28.04	27.16	3.24%	3,807,487	36,118	105.42	102.05	3.30%
All Institutions	9,976,200	305,579	32.65	30.72	6.27%	15,955,880	125,279	127.36	115.69	10.09%
Previous Yr. (89/90)	10,221,855	332,735	30.72	31.57	-2.69%	14,663,914	126,748	115.69	101.50	13.98%
Change Over Year	(245,655)	(27,156)	1.93	0.00	6.10%	1,291,966	(1,469)	11.67	14.19	-3.89%
Percent Change	-2.40%	-8.16%	6.27%	0.00%		8.81%	-1.16%	10.09%	13.98%	

TABLE 5 - LIBRARY SERVICES AND LIBRARY AUTOMATION IN ALL ACADEMIC INSTITUTIONS, 1990/1991

All Institutions 1990-1991	*Average* Hours Open Per Week	*Average* Days Open More Than 2 Hours	*Total* Circulation (Includes Reserves)	*Automated Search Transactions*				Membership in National or Regional Library Network	Automated Library System	% of Holdings in Machine-Readable Form	
				Number of Searches		Cost	Billing Policy			Print Titles	Non-Print Titles
				By Staff	By Patron						
All 4-Yr Public	93.13	7.00	3,468,018	6,993	165,063	312,287.66	...	15	14	96.52%	9.39%
All 2-Yr Public	62.42	5.63	725,086	775	103	3,407.60	...	17	8	47.61%	14.46%
All Independent	85.81	6.67	1,082,183	17,526	41,751	218,216.84	...	27	15	97.02%	31.52%
All Institutions	80.07	6.41	5,275,287	25,294	206,917	533,912.10	...	59	37	91.44%	12.28%
Previous Yr. (89/90)	80.87	6.43	5,289,641	18,492	138,567	750,616.70	...	52	30	77.66%	10.68%
Change Over Year	(0.80)	(0.02)	(14,354)	6,802	68,350	(216,704.60)	...	7	7	13.79%	1.59%
Percent Change	-0.99%	-0.31%	-0.27%	36.78%	49.33%	-28.87%	...	13.46%	23.33%		

TABLE 6 - INTERLIBRARY LOAN ACTIVITIES IN ALL ACADEMIC INSTITUTIONS, 1990/1991

All Institutions 1990-1991	All Loans		In-State Interlibrary Loan Activity					
	Lent To Other Libraries	Borrowed From Other Libraries	Requests to Lend Items			Requests to Borrow Items		
			Received	Filled	% Filled	Received	Filled	% Filled
All 4-Yr Public	108,980	50,455	84,782	57,495	67.82%	28,596	24,530	85.78%
All 2-Yr Public	2,004	5,351	1,997	1,506	75.41%	5,849	4,534	77.52%
All Independent	40,120	31,295	37,285	27,705	74.31%	26,713	22,781	85.28%
All Institutions	151,104	87,101	124,064	86,706	69.89%	61,158	51,845	84.77%
Previous Yr. (89/90)	139,948	78,118	106,227	70,592	66.45%	49,684	41,735	84.00%
Change Over Year	11,156	8,983	17,837	16,114	3.43%	11,474	10,110	0.77%
Percent Change	7.97%	11.50%	16.79%	22.83%		23.09%	24.22%	

TABLE 7 - LIBRARY COLLECTIONS IN PUBLIC FOUR-YEAR INSTITUTIONS, 1990/1991

Public 4-Year Institutions 1990-1991	Bookstock		Volumes Withdrawn From Coll.	Current Period. Sub-scriptns	Unbound Noncurr. Periodicals		Documents (If in a Separate Collectn)	Microforms			Audio-Visual Materials	All Other Materials
	Volumes Held	Titles Held			Volumes	Titles		Book Titles	Periodl Titles	All Microforms		
Christopher Newport	147,505	101,943	2,047	1,365	4,546	329	0	21,548	494	343,251	3,682	1,145
Clinch Valley	129,139	85,396	643	1,147	203	15	3,307	5,836	133	34,799	15,791	306
George Mason												
Academic	373,340	361,431	1,581	3,500	4,850	1,650	256,564	2,474	197	701,797	9,989	7,079
Law	182,257	21,282	1,234	3,208	0	0	2,587	55,792	120	425,076	65	4
Total	555,597	382,713	2,815	6,708	4,850	1,650	259,151	58,266	317	1,126,873	10,054	7,083
James Madison	387,451	259,728	2,914	2,986	0	0	238,255	29,591	995	1,294,149	4,425	8,907
Longwood	262,098	185,694	1,048	1,615	18,150	1,532	7,927	198	125	527,737	33,352	6,066
Mary Washington	269,231	259,223	4,487	1,271	0	0	67,736	1,736	713	283,916	2,004	480
Norfolk State	307,890	236,696	0	2,642	0	0	0	8,847	1,086	63,748	16	1,500
Old Dominion	616,440	413,630	5,559	4,647	1,500	200	159,207	376,467	1,633	953,058	33,870	14,962
Radford	224,616	180,922	3,711	2,414	0	0	2,591	460	1,321	619,663	10,153	5,551
Univ. of Va.												
Academic	2,702,916	1,669,152	4,595	13,192	?	?	1,160,173	?	?	3,787,796	43,316	474,980
Health-Sciences	165,081	55,783	1,527	2,873	?	?	0	?	?	20,322	5,212	2,135
Law	446,547	154,095	14,206	9,241	?	?	71,960	?	?	767,960	276	412
Total	3,314,544	1,879,030	20,328	25,306	?	?	1,232,133	?	?	4,576,078	48,804	477,527
V. C. U.												
Academic	673,237	533,967	3,322	5,773	0	0	211,208	92	1,859	1,897,728	41,676	(a)
Health-Sciences	266,605	119,302	777	2,627	0	0	16,098	0	30	60,517	5,053	0
Media Services	0	0	0	0	0	0	0	0	0	0	0	0
Total	939,842	653,269	4,099	8,400	0	0	227,306	92	1,889	1,958,245	46,729	0
V. M. I.	234,161	184,292	1,259	1,048	1,300	?	129,290	10	83	?	2,861	?
Virginia Tech	1,754,830	809,591	10,107	13,665	0	0	343,460	?	?	5,201,012	34,770	120,675
Virginia State	252,013	172,461	466	2,095	5,000	700	150,004	?	?	536,835	57,579	?
William and Mary												
Academic	935,398	771,642	4,276	5,520	0	0	504,531	?	?	887,511	?	1,009,544
Law	163,802	39,941	2,092	3,819	0	0	1,229	2,326	85	605,103	1,735	6
V. I. M. S.	42,865	18,707	66	400	5,000	500	0	75	8	25,120	0	4,065
Total	1,142,065	830,290	6,434	9,739	5,000	500	505,760	2,401	93	1,517,734	1,735	1,013,615
All 4-Yr Public	10,537,422	6,634,878	65,917	85,048	40,549	4,926	3,326,127	505,452	8,882	19,037,098	305,825	1,657,817
Previous Yr. (89/90)	10,327,179	6,491,682	51,283	87,774	38,402	4,660	3,345,719	497,833	9,653	16,023,973	289,068	1,547,101
Change Over Year	210,243	143,196	14,634	(2,726)	2,147	266	(19,592)	7,619	(771)	3,013,125	16,757	110,716
Percent Change	2.04%	2.21%	28.54%	-3.11%	5.59%	5.71%	-0.59%	1.53%	-7.99%	18.80%	5.80%	7.16%

(a) Included in Audio-Visual materials counts.

TABLE 8 - LIBRARY STAFF IN PUBLIC FOUR-YEAR INSTITUTIONS, 1990/1991

Public 4-Year Institutions 1990-1991	Chief Librarians			Other Librarians			Other Professionals			Technical/Clerical			All Staff			Student Assistants	
	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Total Hours	FTE's
Christopher Newport	1	0.00	0.00	5	0.00	0.00	1	0.00	0.00	9	2.00	0.00	16	2.00	0.00	17,145	9.04
Clinch Valley	2	0.00	0.00	1	0.00	1.00	1	0.00	0.00	5	2.00	0.00	9	2.00	1.00	7,859	4.15
George Mason																	
Academic	6	0.00	1.00	12	0.50	1.00	2	0.50	0.00	29	2.00	3.00	49	3.00	5.00	27,985	14.76
Law	3	0.00	0.00	0	1.00	3.00	0	0.00	0.00	4	0.50	0.00	7	1.50	3.00	6,447	3.40
Total	9	0.00	1.00	12	1.50	4.00	2	0.50	0.00	33	2.50	3.00	56	4.50	8.00	34,432	18.16
James Madison	2	0.00	0.00	14	1.00	2.00	0	0.00	0.00	29	2.00	1.00	45	3.00	3.00	29,707	15.67
Longwood	2	0.00	1.00	4	0.00	0.00	3	0.00	0.00	12	3.75	0.75	21	3.75	1.75	4,715	2.49
Mary Washington	1	0.00	0.00	7	0.50	0.00	0	0.00	0.00	10	0.50	0.00	18	1.00	0.00	12,750	6.72
Norfolk State	1	0.00	0.00	7	0.00	0.00	0	0.00	0.00	21	0.00	0.00	29	0.00	0.00	12,446	6.56
Old Dominion	3	0.00	0.00	20	0.00	0.00	0	0.00	0.00	42	1.50	1.00	65	1.50	1.00	40,739	21.49
Radford	1	0.00	0.00	13	0.00	0.00	0	0.50	0.00	16	0.00	0.00	30	0.50	0.00	32,132	16.95
Univ. of Va.																	
Academic	6	0.00	0.00	56	1.00	2.00	0	0.00	0.00	126	8.00	3.50	188	9.00	5.50	105,542	55.67
Health-Sciences	3	0.00	1.00	8	1.75	0.00	1	0.00	0.00	26	0.00	2.00	38	1.75	3.00	6,689	3.53
Law	5	0.00	1.00	5	0.38	1.00	7	0.00	0.00	9	0.00	2.00	26	0.38	4.00	21,309	11.24
Total	14	0.00	2.00	69	3.13	3.00	8	0.00	0.00	161	8.00	7.50	252	11.13	12.50	133,540	70.43
V. C. U.																	
Academic	1	0.00	1.00	21	0.00	3.00	2	0.00	0.00	59	1.50	5.00	83	1.50	9.00	34,482	18.19
Health-Sciences	0	0.00	1.00	4	0.00	1.00	0	0.00	0.00	11	0.75	2.00	15	0.75	4.00	4,985	2.63
Media Services	0	0.00	0.00	2	0.00	0.00	8	0.00	1.00	22	3.00	4.75	32	3.00	5.75	4,677	2.47
Total	1	0.00	2.00	27	0.00	4.00	10	0.00	1.00	92	5.25	11.75	130	5.25	18.75	44,144	23.28
V. M. I.	1	0.00	0.00	4	0.00	0.00	1	0.00	0.00	11	0.75	0.00	17	0.75	0.00	4,510	ERR
Virginia Tech	4	0.00	0.00	37	1.00	6.00	3	0.00	0.00	90	6.00	10.00	134	7.00	16.00	94,930	50.07
Virginia State	1	0.00	0.00	5	0.00	0.00	1	0.00	0.00	10	2.00	0.00	17	2.00	0.00	17,399	ERR
William and Mary																	
Academic	5	0.00	0.00	14	0.56	0.00	0	0.00	0.00	33	6.20	2.00	52	6.76	2.00	33,942	17.90
Law	1	0.00	0.00	4	0.00	0.00	0	0.00	0.00	8	3.30	0.00	13	3.30	0.00	5,431	2.86
V. I. M. S.	1	0.00	0.00	2	0.00	0.00	0	0.00	0.00	0	0.83	0.00	3	0.83	0.00	840	0.44
Total	7	0.00	0.00	20	0.56	0.00	0	0.00	0.00	41	10.33	2.00	68	10.89	2.00	40,213	21.21
All 4-Yr Public	50	0.00	6.00	245	7.69	20.00	30	1.00	1.00	582	46.58	37.00	907	55.27	64.00	526,661	277.77
Previous Yr. (89/90)	68	0.00	3.00	248	5.38	21.00	79	0.00	3.50	557	38.00	40.25	952	43.25	67.75	563,071	296.98
Change Over Year	(18)	0.00	3.00	-3	2.31	-1.00	-49	1.00	-2.50	25	8.59	-3.25	-45	12.03	-3.75	(36,410)	-19.20
Percent Change	-26.47%	...	100.00%	-1.21%	42.94%	-4.76%	-62.03%	100.00%	-71.43%	4.49%	22.60%	-8.07%	-4.73%	27.81%	-5.54%	-6.47%	-6.47%

TABLE 9 - TOTAL LIBRARY EXPENDITURES IN PUBLIC FOUR-YEAR INSTITUTIONS, 1990/1991

Public 4-Year Institutions 1990-1991	Expenditures for Materials					All Library Expenditures							Library Exp. as Pct. of E&G
	Books	Periodicals	Microforms	Audio-Visuals	Other Materials	Materials	Salaries	Wages	Salaries and Wages	Binding	All Other	Total	
Chr. Newport	149,302	28,796	25,564	8,024	15,674	227,360	472,245	76,288	548,533	8,686	353,713	1,138,292	6.24%
Clinch Valley	53,751	64,410	25,255	2,631	27,081	173,128	239,219	9,492	248,711	5,800	101,710	529,349	5.53%
George Mason													
Academic	583,675	711,947	18,118	41,980	0	1,355,720	1,287,167	85,104	1,372,271	34,709	55,356	2,818,056	
Law	45,987	334,965	61,482	0	45,987	488,421	278,356	31,808	310,164	18,331	67,315	884,231	
Total	629,662	1,046,912	79,600	41,980	45,987	1,844,141	1,565,523	116,912	1,682,435	53,040	122,671	3,702,287	3.11%
James Madison	233,595	197,871	37,803	6,199	882	476,350	1,269,525	116,860	1,386,385	40,885	627,319	2,530,939	4.05%
Longwood	93,161	129,142	14,388	9,354	4,464	250,509	586,848	5,984	592,832	8,880	44,628	896,849	4.53%
M. Washington	177,636	101,193	39,107	?	?	317,936	552,600	46,421	599,021	3,196	83,509	1,003,662	4.67%
Norfolk State	87,884	72,248	12,518	0	0	172,650	660,567	17,575	678,142	8,403	126,601	985,796	1.87%
Old Dominion	320,478	867,671	39,876	418	119,788	1,348,231	1,560,986	163,584	1,724,570	46,202	284,972	3,403,975	3.44%
Radford	171,595	262,431	32,687	30,055	?	496,768	796,044	125,374	921,418	17,295	0	1,435,481	3.13%
Univ. of Va.													
Academic	1,639,942	1,852,826	182,107	46,697	299,395	4,020,967	5,098,442	432,590	5,531,032	205,752	1,135,303	10,893,054	
Health-Sci.	136,660	544,543	14,195	15,227	37,746	748,371	924,947	32,144	957,091	27,137	352,112	2,084,711	
Law	154,509	820,368	37,288	1,110	0	1,013,275	800,468	152,773	953,241	25,745	172,858	2,165,119	
Total	1,931,111	3,217,737	233,590	63,034	337,141	5,782,613	6,823,857	617,507	7,441,364	258,634	1,660,273	15,142,884	3.92%
V. C. U.													
Academic	632,226	927,333	13,957	69,933	24,744	1,668,193	1,952,903	114,209	2,067,112	25,860	583,616	4,344,781	
Health-Sci.	199,806	762,631	0	29,804	22,495	1,014,736	402,438	27,042	429,480	61,133	130,810	1,636,159	
Media Serv.	0	0	0	0	0	0	798,220	6,880	805,100	0	291,808	1,096,908	
Total	832,032	1,689,964	13,957	99,737	47,239	2,682,929	3,153,561	148,131	3,301,692	86,993	1,006,234	7,077,848	2.55%
V. M. I.	90,414	125,698	8,892	19,033	(a)	244,037	484,207	18,241	502,448	12,023	473,232	1,231,740	6.37%
Virginia Tech	805,139	2,792,250	?	?	289,613	3,887,002	3,567,284	465,756	4,033,040	163,109	1,066,650	9,149,801	2.38%
Va. State	189,872	238,734	67,802	11,678	0	508,086	508,549	5,019	513,568	8,901	92,880	1,123,435	2.74%
Wm. and Mary													
Academic	307,071	798,388	(a)	(a)	4,675	1,110,134	1,611,858	144,594	1,756,452	84,349	866,990	3,817,925	
Law	52,057	506,173	19,746	1,307	0	579,283	437,470	23,070	460,540	11,964	78,990	1,130,777	
V. I. M. S.	18,878	108,195	0	0	0	127,073	77,860	8,087	85,947	3,402	25,955	242,377	
Total	378,006	1,412,756	19,746	1,307	4,675	1,816,490	2,127,188	175,751	2,302,939	99,715	971,935	5,191,079	6.90%
All 4-Yr Pub.	6,143,638	12,247,813	650,785	293,450	892,544	20,228,230	24,368,203	2,108,895	26,477,098	821,762	7,016,327	54,543,417	3.34%
Previous Yr.	6,570,264	11,484,099	767,329	345,803	753,248	19,920,743	24,637,216	2,318,466	26,955,682	803,238	8,613,682	56,293,345	3.52%
Change	(426,626)	763,714	(116,544)	(52,353)	139,296	307,487	(269,013)	(209,571)	(478,584)	18,524	(1,597,355)	(1,749,928)	-0.18%
Pct. Change	-6.49%	6.65%	-15.19%	-15.14%	18.49%	1.54%	-1.09%	-9.04%	-1.78%	2.31%	-18.54%	-3.11%	-5.11%

(a) Included in book expenditures.

TABLE 10 - UNIT COSTS FOR MONOGRAPHS AND PERIODICALS PURCHASED BY PUBLIC FOUR-YEAR INSTITUTIONS, 1990/1991

Public 4-Year Institutions 1990-1991	Monographs					Periodicals				
	Expenditure	No. of Volumes	Unit Cost	Previous Yr's UC	Percent Change	Expenditure	No. of Subs.	Unit Cost	Previous Yr's UC	Percent Change
Christopher Newport	149,302	3,139	47.56	37.32	27.45%	a 98,428	1,264	77.87	72.68	7.14%
Clinch Valley	53,751	1,382	38.89	38.61	0.73%	64,410	853	75.51	56.79	32.95%
George Mason										
Academic	583,675	16,612	35.14	36.07	-2.59%	711,947	3,500	203.41	184.32	10.36%
Law	45,987	1,134	40.55	44.54	-8.95%	334,965	3,492	95.92	95.57	0.37%
Total	629,662	17,746	35.48	36.84	-3.68%	1,046,912	6,992	149.73	138.89	7.80%
James Madison	233,595	7,385	31.63	35.48	-10.85%	197,871	2,986	66.27	149.73	-55.74%
Longwood	93,161	2,639	35.30	27.93	26.40%	129,142	1,474	87.61	81.25	7.83%
Mary Washington	177,636	3,675	48.34	37.66	28.34%	101,193	1,215	83.29	82.33	1.16%
Norfolk State	87,884	4,251	20.67	35.30	-41.44%	72,248	1,556	46.43	87.61	-47.00%
Old Dominion	320,478	10,875	29.47	48.34	-39.03%	867,671	4,647	186.72	83.29	124.19%
Radford	171,595	4,196	40.89	20.67	97.81%	210,060	2,414	87.02	46.43	87.41%
Univ. of Va.										
Academic	1,639,942	46,373	35.36	40.89	-13.52%	1,852,826	12,362	149.88	87.02	72.24%
Health-Sciences	136,660	2,611	52.34	37.72	38.74%	544,543	2,803	194.27	165.51	17.38%
Law	154,509	6,575	23.50	35.36	-33.55%	820,368	8,317	98.64	149.88	-34.19%
Total	1,931,111	55,559	34.76	28.84	20.51%	3,217,737	23,482	137.03	130.28	5.18%
V. C. U.										
Academic	632,226	16,613	38.06	34.76	9.49%	927,333	5,773	160.63	137.03	17.22%
Health-Sciences	199,806	3,029	65.96	65.98	-0.02%	762,631	2,627	290.30	191.30	51.75%
Media Services	0	0	...	...	...	0	0	...	...	...
Total	832,032	19,642	42.36	42.46	-0.24%	1,689,964	8,400	201.19	147.33	36.55%
V. M. I.	90,414	2,469	36.62	42.36	-13.55%	125,698	1,036	121.33	201.19	-39.69%
Virginia Tech	809,591	20,100	40.28	40.41	-0.32%	b 2,244,864	13,665	164.28	103.74	58.36%
Virginia State	189,872	5,771	32.90	36.62	-10.15%	238,734	1,937	123.25	121.33	1.58%
William and Mary										
Academic	307,071	6,678	45.98	c 20.04	129.45%	798,388	5,036	158.54	167.71	-5.47%
Law	52,057	1,580	32.95	29.53	11.57%	506,173	3,444	146.97	133.11	10.41%
V. I. M. S.	18,878	437	43.20	73.59	-41.30%	108,195	400	270.49	203.63	32.83%
Total	378,006	8,695	43.47	21.39	103.24%	1,412,756	8,880	159.09	155.79	2.12%
All 4-Yr Public	6,148,090	167,524	36.70	33.47	9.64%	11,717,688	80,801	145.02	127.81	13.46%
Previous Yr. (89/90)	6,570,264	196,285	33.47	33.93	-1.34%	10,779,937	84,342	127.81	108.54	17.76%
Change Over Year	(422,174)	(28,761)	3.23			937,751	(3,541)	17.21		
Percent Change	-6.43%	-14.65%	9.64%			8.70%	-4.20%	13.46%		

(a)Represents cost of one-year subscriptions for 1,264 periodicals.
(b) Adjusted by deletion of $547,386 prepayment for FY92 subscriptions.
(c) Corrected by 1991 data submission.

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TABLE 11 - LIBRARY CIRCULATIONS BY TYPE OF CLIENTELE IN PUBLIC FOUR-YEAR INSTITUTIONS, 1990/1991

Public 4-Year Institutions 1990-1991	External Circulations												Total External Circulation	Total Reserve Circulation
	Undergraduate		Graduate		Faculty & Staff		Off-Campus		General Public					
	N	Period	N	Period	N	Period	N	Period	N	Period				
Christopher Newport	45,865	30 days	0	...	9,173	30 days+	4,586	30 days	16,818	30 days			76,442	12,575
Clinch Valley	18,375	3 weeks	0	...	899	semester	(a)	3 weeks	(a)	3 weeks			19,274	3,513
George Mason														
Academic	182,833	3 weeks	(a)	6 weeks	(a)	semester	(a)	3 weeks	(a)	3 weeks			182,833	66,667
Law	0	...	0	...	5,342	semester	0	...	0	...			5,342	51,022
Total	182,833	...	0	...	5,342	...	0	...	0	...			188,175	117,689
James Madison	159,435	3 weeks	15,536	6 weeks	24,563	6 weeks	3,788	6 weeks	7,576	3 weeks			210,898	61,694
Longwood	95,854	30 days	3,386	90 days	7,720	(b)	(a)	30 days	8,086	21 days			115,046	31,337
Mary Washington	59,619	5 weeks	1,295	5 weeks	2,443	semester	(a)	5 weeks	1,625	5 weeks			64,982	12,360
Norfolk State	26,305	4 weeks	14,152	90 days	9,768	90 days	1,192	3 weeks	463	1 week			51,880	10,012
Old Dominion	137,971	3 weeks	60,891	3 weeks	27,206	semester	10,055	3 weeks	11,014	3 weeks			247,137	25,416
Radford	85,007	4 weeks	9,470	4 weeks	6,025	8 weeks	(a)	4 weeks	6,362	4 weeks			106,864	34,176
Univ. of Va.														
Academic	190,045	4 weeks	329,429	semester	100,329	semester	(a)	4 weeks	151,790	4 weeks			771,593	324,150
Health-Sciences	(c)	(d)	16,135	(d)	18,336	(d)	(e)	(d)	2,200	(d)			36,671	10,702
Law	732	2 weeks	10,246	varies	3,659	semester	0	...	0	...			14,637	23,754
Total	190,777	...	355,810	...	122,324	...	0	...	153,990	...			822,901	358,606
V. C. U.														
Academic	101,447	3 weeks	45,203	6 weeks	21,087	(j)	(e)	3 weeks	4,667	3 weeks			172,404	20,511
Health-Sciences	14,728	3 weeks	23,748	6 weeks	16,220	(j)	(e)	3 weeks	1,139	3 weeks			55,835	2,515
Media Services	0	...	0	...	0	...	0	...	0	...			0	0
Total	116,175	3 weeks	68,951	6 weeks	37,307	(f)	(e)	3 weeks	5,806	3 weeks			228,239	23,026
V. M. I.	21,087	semester	0	...	5,322	1 year	0	...	7,063	4 weeks			33,472	?
Virginia Tech	87,666	month	78,983	3 months	55,338	3 months	(a)	month	26,021	2 weeks			248,008	112,082
Virginia State	17,606	3 weeks	2,008	3 weeks	1,430	semester	77	3 weeks	236	3 weeks			21,357	24,442
William and Mary														
Academic	98,916	30 days	24,347	120 days	15,364	(g)	(e)	30 days	14,608	30 days			153,235	36,258
Law	1,093	30 days	2,177	30 days	1,667	year	46	30 days	418	30 days			5,401	11,521
V. I. M. S.	?	indef.	?	indef.	?	indef.	?	indef.	?	indef.			0	?
Total	100,009	...	26,524	...	17,031	...	46	...	15,026	...			158,636	47,779
All 4-Yr Public	*********	...	637,006	...	331,891	...	19,744	...	260,086	...			2,593,311	874,707
Previous Yr. (89/90)	*********	...	735,491	...	393,964	...	24,442	...	291,387	...			2,754,852	859,021
Change Over Year	35,016		(98,485)		(62,073)		(4,698)		(31,301)				(161,541)	15,686
Percent Change	2.67%		-13.39%		-15.76%		-19.22%		-10.74%				-5.86%	1.83%

(a) Included in Undergraduate circulation count.
(b) Circulation period: Faculty, 90 days; Staff, 30 days.
(c) Included in Graduate circulation count.
(d) Circulation period: Books, 3 weeks; current journals, 4 hours; journals more than 5 years old, 1 week.
(e) Included in General Public circulation count.
(f) Circulation period: Faculty, semester; Staff, 3 weeks.
(g) Circulation period: Faculty, 1 year; Library Staff, 4 months; College Staff, 1 month.

TABLE 12 - LIBRARY SERVICES AND LIBRARY AUTOMATION IN PUBLIC FOUR-YEAR INSTITUTIONS, 1990/1991

Public 4-Year Institutions 1990-1991	Hours Open Per Week	Days Open More Than 2 Hours	Total Circulation (Includes Reserves)	Automated Search Transactions: Number of Searches By Staff	Automated Search Transactions: Number of Searches By Patron	Automated Search Transactions: Cost	Automated Search Transactions: Billing Policy	Membership in National or Regional Library Network	Automated Library System	% of Holdings in Machine-Readable Form: Print Titles	% of Holdings in Machine-Readable Form: Non-Print Titles
Christopher Newport	83.00	7	89,017	673	25	7,376.00	Library	Solinet	VTLS	81.62%	45.91%
Clinch Valley	77.00	7	22,787	67	0	757.66	Library/Client	Solinet	...	60.64%	9.52%
George Mason											
Academic	100.50	7	249,500	500	204	20,000.00	Library/Client	Solinet	NOTIS	100.00%	82.29%
Law	91.00	7	56,364	0	11,691	36,455.00	Library	Capcon	NOTIS	39.08%	0.00%
Total	...	...	305,864	500	11,895	56,455.00	...	...	...	96.74%	81.96%
James Madison	101.00	7	272,592	120	0	6,408.00	(a)	Solinet	VTLS	89.65%	100.00%
Longwood	86.00	7	146,383	809	0	1,412.00	Library/Client	Solinet	VTLS	99.01%	84.61%
Mary Washington	91.00	7	77,342	44	0	2,399	Library	Solinet	VTLS	93.82%	100.00%
Norfolk State	79.00	7	61,892	332	0	3,015.00	Institution	Solinat	VTLS	95.97%	0.00%
Old Dominion	93.00	7	272,553	78	24,229	2,678	Client	Solinet	GEAC	97.00%	60.42%
Radford	97.00	7	141,040	8	0	250.00	Varies	Solinet	LS-2000	100.00%	100.00%
Univ. of Va.											
Academic	111.00	7	1,095,743	622	13,217	39,915.00	Library	Solinet	NOTIS	100.00%	6.60%
Health-Sciences	97.00	7	47,373	796	42,369	66,324.00	Library/Client	Solinet	LIS	99.99%	70.94%
Law	110.00	7	38,391	?	?	17,681.00	Library	Solinet	Inov Intrf	98.32%	100.00%
Total	...	...	1,181,507	1,418	55,586	123,920.00	...	...	...	99.98%	9.08%
V. C. U.											
Academic	89.50	7	192,915	429	0	20,273.00	Library	Solinet	NOTIS	99.50%	25.00%
Health-Sciences	82.50	7	58,350	1,259	0	18,761.00	Library	Solinet	NOTIS	99.50%	25.00%
Media Services	45.00	5	0	0	0	0.00	...	...	...	0.00%	0.00%
Total	...	...	251,265	1,688	0	39,034.00	Library	Solinet	NOTIS	99.50%	25.00%
V. M. I.	105.00	7	33,472	220	0	3,579.00	Library/Client	Solinet	DRA	99.25%	99.00%
Virginia Tech	106.50	7	360,090	517	?	11,828.00	Client	Solinet	VTLS	100.00%	7.54%
Virginia State	88.00	7	45,799	103	0	7,506.00	Library/Client	Solinet	VTLS	45.64%	0.87%
William and Mary											
Academic	100.00	7	189,493	330	?	3,506.00	Library/Client	Solinet	VTLS	73.85%	0.00%
Law	122.00	7	16,922	?	73,328	38,284.00	Institution	Solinet	VTLS	94.31%	25.04%
V. I. M. S.	45.00	5	?	86	0	3,880.00	Library/Client	Solinet	VTLS	28.21%	0.00%
Total	...	...	206,415	416	73,328	45,670.00	...	...	...	73.84%	0.04%
All 4-Yr Public	93.13 (Average)	7 (Average)	3,468,018	6,993	165,063	312,287.66	...	N=15	N=14	96.52%	9.39%
Previous Yr. (89/90)	94.17	7	3,613,873	9,845	105,510	530,128.13	...	N=15	N=13	88.72%	7.92%
Change Over Year	(1.04)	0	(145,855)	(2,852)	59,553	(217,840.47)	...	0	1	7.81%	1.46%
Percent Change	-1.10%	0.00%	-4.04%	-28.97%	56.44%	-41.09%	...	0.00%	7.69%	8.80%	18.45%

(a)Free to faculty; $5 per database to graduate students; full cost to undergraduates.

TABLE 13 - INTERLIBRARY LOAN ACTIVITIES IN PUBLIC FOUR-YEAR INSTITUTIONS, 1990/1991

Public 4-Year Institutions 1990-1991	All Loans		In-State Interlibrary Loan Activity					
			Requests to Lend Items			Requests to Borrow Items		
	Lent To Other Libraries	Borrowed From Other Libraries	Received	Filled	% Filled	Received	Filled	% Filled
Christopher Newport	2,320	1,760	1,972	1,781	90.31%	1,937	1,523	78.63%
Clinch Valley	459	946	450	337	74.89%	?	865	-----
George Mason								
Academic	6,237	4,757	6,448	3,403	52.78%	1,698	1,579	92.99%
Law	1,046	317	487	376	77.21%	281	189	67.26%
Total	7,283	5,074	6,935	3,779	54.49%	1,979	1,768	89.34%
James Madison	4,031	4,521	4,670	2,825	60.49%	3,233	2,781	86.02%
Longwood	3,016	708	3,605	2,507	69.54%	780	585	75.00%
Mary Washington	1,837	1,518	1,717	1,306	76.06%	1,224	1,164	95.10%
Norfolk State	3,261	401	3,735	2,483	66.48%	373	349	93.57%
Old Dominion	7,450	3,446	8,006	4,838	60.43%	2,759	2,426	87.93%
Radford	1,163	1,184	1,078	774	71.80%	1,127	796	70.63%
Univ. of Va.								
Academic	19,154	9,386	?	7,152	-----	?	3,660	-----
Health-Sciences	8,154	1,957	6,600	4,937	74.80%	1,262	1,261	99.92%
Law	2,120	685	?	613	-----	?	524	-----
Total	29,428	12,028	6,600	4,937	74.80%	1,262	1,261	99.92%
V. C. U.								
Academic	6,749	2,125	4,607	5,268	114.35%	1,738	1,255	72.21%
Health-Sciences	15,423	1,649	16,027	8,901	55.54%	1,464	836	57.10%
Media Services	0	0	0	0	...	0	0	...
Total	22,172	3,774	20,634	14,169	68.67%	3,202	2,091	65.30%
V. M. I.	1,525	531	1,366	1,013	74.16%	?	378	-----
Virginia Tech	17,832	9,048	16,443	12,378	75.28%	6,005	4,829	80.42%
Virginia State	840	1,048	846	644	76.12%	898	861	95.88%
William and Mary								
Academic	5,558	3,028	6,469	3,510	54.26%	2,270	1,923	84.71%
Law	552	563	256	214	83.59%	434	431	99.31%
V. I. M. S.	253	877	?	84	----	1,113	877	78.80%
Total	6,363	4,468	6,725	3,724	55.38%	3,817	3,231	84.65%
All 4-Yr Public	108,980	50,455	84,782	57,495	67.82%	28,596	24,530	85.78%
Previous Yr. (89/90)	101,600	47,180	78,353	48,955	62.48%	24,879	20,908	84.04%
Change Over Year	7,380	3,275	6,429	8,540	5.34%	3,717	3,622	1.74%
Percent Change	7.26%	6.94%	8.21%	17.44%		14.94%	17.32%	

TABLE 14 - LIBRARY COLLECTIONS IN PUBLIC TWO-YEAR INSTITUTIONS, 1990/1991

Public 2-Year Institutions 1990-1991	Bookstock		Volumes Withdrawn From Coll.	Current Period. Sub-scriptns	Unbound Noncurr. Periodicals		Documents (If in a Separate Collectn)	Microforms			Audio-Visual Materials	All Other Materials
	Volumes Held	Titles Held			Volumes	Titles		Book Titles	Periodl Titles	All Microforms		
Blue Ridge	41,641	39,559	618	307	0	307	0	0	120	12,144	2,498	1
Central Virginia	36,585	32,300	246	177	1,297	309	0	2,230	230	41,613	1,729	114
D. S. Lancaster	37,716	34,753	336	376	2,780	276	0	1,029	177	6,106	2,035	19
Danville	41,467	38,014	3,191	243	100	25	16,308	0	132	6,299	6,384	2,180
Eastern Shore	20,349	19,600	446	96	270	90	0	0	68	20,172	629	21
Germanna	25,699	?	492	144	0	0	0	0	10	1,314	6,155	0
J. S. Reynolds	67,301	52,007	2,597	539	2,349	450	0	173	304	66,930	412	64
John Tyler	37,289	36,475	547	224	0	0	0	800	208	37,207	8,444	100
Lord Fairfax	38,592	35,777	734	300	750	300	0	9,000	85	32,331	4,758	250
Mountain Empire	26,305	23,551	787	333	0	0	0	0	183	7,178	333	0
New River	29,413	25,038	0	258	2,648	258	0	521	412	51,957	3,575	1,438
Northern Virginia	279,960	131,101	5,224	977	8,978	1,594	0	105	1,911	107,562	11,793	7,533
Patrick Henry	28,651	20,037	1,974	400	6,600	850	27,080	32	135	25,700	2,910	0
Paul D. Camp	24,217	20,125	1	224	1,019	183	0	0	42	2,693	380	25
Piedmont Virginia	28,850	25,250	276	247	576	247	0	11	105	18,634	5,831	38
Rappahannock	44,125	36,356	410	278	88	17	75	0	32	8,680	1,283	219
Southside Virginia	29,692	29,671	496	289	1,000	292	0	0	65	1,026	5,857	181
Southwest Virginia	34,766	31,289	2,465	250	0	0	0	19,000	290	35,265	825	880
Thomas Nelson	64,876	61,726	479	438	247	38	0	0	212	12,051	4,588	42
Tidewater	148,413	121,840	1,846	1,053	6,803	827	0	0	638	124,414	12,413	1,582
Virginia Highlands	29,683	24,666	81	174	1,000	200	0	1	144	4,404	1,960	1,540
Virginia Western	67,310	58,001	196	398	1,400	212	0	190,736	156	24,606	2,631	0
Wytheville	29,465	25,786	626	258	400	250	0	5	53	3,000	27,444	300
All Com. Colleges	1,212,365	922,922	24,068	7,983	38,305	6,725	43,463	223,643	5,712	651,286	114,867	16,527
Richard Bland	58,629	49,282	304	200	546	100	0	91	8	3,111	4,368	640
All 2-Yr Public	1,270,994	972,204	24,372	8,183	38,851	6,825	43,463	223,734	5,720	654,397	119,235	17,167
Previous Yr. (89/90)	1,259,712	971,028	29,178	8,514	41,715	5,904	43,997	223,742	5,933	606,024	92,496	16,795
Change Over Year	11,282	1,176	(4,806)	(331)	(2,864)	921	(534)	(8)	(213)	48,373	26,739	372
Percent Change	0.90%	0.12%	-16.47%	-3.89%	-6.87%	15.60%	-1.21%	0.00%	-3.59%	7.98%	28.91%	2.21%

TABLE 15 - LIBRARY STAFF IN PUBLIC TWO-YEAR INSTITUTIONS, 1990/1991

Public 2-Year Institutions 1990-1991	Chief Librarians			Other Librarians			Other Professionals			Technical/Clerical			All Staff			Student Assistants	
	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Total Hours	FTE's
Blue Ridge	1	0.00	0.00	0	0.75	0.00	0	0.00	0.00	2	0.75	0.00	3	1.50	0.00	1,120	0.59
Central Virginia	1	0.00	0.00	1	0.00	0.00	0	0.00	0.00	2	0.00	0.00	4	0.00	0.00	240	0.13
D. S. Lancaster	1	0.00	0.00	0	0.00	0.00	0	0.00	0.00	2	0.75	0.00	3	0.75	0.00	1,394	0.74
Danville	0	0.00	0.00	2	0.30	0.00	0	0.00	0.00	3	1.00	0.00	5	1.30	0.00	930	0.49
Eastern Shore	1	0.00	0.00	0	0.00	0.00	0	0.00	0.00	2	0.30	0.00	3	0.30	0.00	0	0.00
Germanna	1	0.00	0.00	1	0.00	0.00	0	0.00	0.00	0	0.75	0.00	2	0.75	0.00	809	0.43
J. S. Reynolds	5	0.00	0.00	2	0.00	1.00	6	0.00	1.00	2	0.62	0.00	15	0.62	2.00	2,529	1.33
John Tyler	1	0.00	0.00	1	0.00	0.00	1	0.00	0.00	2	0.75	1.50	5	0.75	1.50	1,096	0.58
Lord Fairfax	1	0.00	0.00	0	0.50	0.00	2	0.00	0.00	1	0.00	0.00	4	0.50	0.00	1,000	0.53
Mountain Empire	1	0.00	0.00	1	0.00	0.00	0	0.00	0.00	2	0.00	0.00	4	0.00	0.00	1,071	0.56
New River	1	0.00	0.00	1	0.00	0.00	1	0.05	0.00	1	0.60	0.00	4	0.65	0.00	3,433	1.81
Northern Virginia	7	0.00	0.00	13	1.50	0.00	18	1.00	0.00	6	2.70	1.00	44	5.20	1.00	5,130	2.71
Patrick Henry	1	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	2.50	1.00	2	2.50	1.00	449	0.24
Paul D. Camp	1	0.00	0.00	0	0.00	0.00	0	0.00	0.00	5	0.00	0.00	6	0.00	0.00	1,140	0.60
Piedmont Virginia	1	0.00	0.00	1	0.75	0.00	0	0.00	0.00	3	1.00	0.00	5	1.75	0.00	0	0.00
Rappahannock	0	0.00	0.00	0	0.00	0.00	2	0.00	0.00	1	2.50	0.00	3	2.50	0.00	1,560	0.82
Southside Virginia	1	0.00	0.00	0	1.60	0.00	1	1.00	0.00	0	0.80	0.00	2	3.40	0.00	940	0.50
Southwest Virginia	1	0.00	0.00	1	0.00	0.00	0	0.00	0.00	2	1.25	1.00	4	1.25	1.00	6,026	3.18
Thomas Nelson	1	0.00	0.00	3	0.00	0.00	0	0.00	0.00	7	1.00	0.00	11	1.00	0.00	6,085	3.21
Tidewater	3	0.00	0.00	6	0.00	0.00	8	0.00	0.00	13	3.00	0.00	30	3.00	0.00	3,139	1.66
Virginia Highlands	1	0.00	0.00	0	0.38	0.00	0	0.00	0.00	3	0.00	0.00	4	0.38	0.00	3,958	2.09
Virginia Western	1	0.00	0.00	1	0.50	0.00	1	0.00	1.00	2	1.00	0.00	5	1.50	1.00	2,615	1.38
Wytheville	1	0.00	0.00	1	0.00	0.00	0	0.00	0.00	2	0.00	0.00	4	0.00	0.00	4,751	2.51
All Com. Colleges	33	0.00	0.00	35	6.28	1.00	40	2.05	2.00	64	21.27	4.50	172	29.60	7.50	49,415	26.06
Richard Bland	1	0.00	0.00	0	0.00	1.00	0	0.00	0.00	1	0.75	0.00	2	0.75	1.00	315	0.17
All 2-Yr Public	34	0.00	0.00	35	6.28	2.00	40	2.05	2.00	65	22.02	4.50	174	30.35	8.50	49,730	26.23
Previous Yr. (89/90)	36	0.00	0.00	33	7.81	3.00	41	0.87	3.00	68	19.57	4.25	178	28.25	10.25	42,964	22.66
Change Over Year	-2	0.00	0.00	2	-1.53	-1.00	-1	1.18	-1.00	-3	2.45	0.25	-4	2.10	-1.75	6,767	3.57
Percent Change	-5.56%	ERR	ERR	6.06%	-19.59%	-33.33%	-2.44%	135.63%	-33.33%	-4.41%	12.51%	5.88%	-2.25%	7.43%	-17.07%	15.75%	15.75%

TABLE 16 - TOTAL LIBRARY EXPENDITURES IN PUBLIC TWO-YEAR INSTITUTIONS, 1990/1991

Public 2-Year Institutions 1990-1991	Expenditures for Materials					All Library Expenditures							Library Exp. as Pct. of E&G
	Books	Periodicals	Microforms	Audio-Visuals	Other Materials	Materials	Salaries	Wages	Salaries and Wages	Binding	All Other	Total	
Blue Ridge	16,991	13,794	3,003	11,419	4,816	50,023	112,951	0	112,951	0	13,845	176,819	2.96%
Central Virginia	12,239	11,852	6,978	4,972	0	36,041	139,828	0	139,828	0	3,408	179,277	2.06%
D. S. Lancaster	3,501	12,456	4,347	686	0	20,990	95,574	0	95,574	58	7,069	123,691	2.45%
Danville	17,583	10,987	4,560	349	848	34,327	197,118	4,139	201,257	261	3,307	239,152	2.91%
Eastern Shore	11,220	3,770	4,498	548	0	20,036	91,014	0	91,014	0	16,424	127,474	4.56%
Germanna	13,320	4,816	881	4,466	1,677	25,163	88,819	0	98,105	0	774	124,043	2.46%
J. S. Reynolds	18,131	40,246	15,112	0	8,000	81,488	544,575	0	544,575	164	61,864	688,092	2.94%
John Tyler	22,168	7,149	4,471	2,370	?	36,158	182,437	4,889	187,326	326	12,200	236,010	2.35%
Lord Fairfax	35,139	10,605	3,477	931	0	50,152	80,701	0	80,701	135	7,291	138,279	2.53%
Mountain Empire	14,340	13,928	6,136	1,000	0	35,404	139,276	0	139,276	621	5,183	180,484	2.08%
New River	13,810	7,247	11,718	0	9,496	42,271	121,219	0	121,219	0	14,939	178,429	1.57%
Northern Virginia	139,816	106,871	92,779	16,923	7,945	364,334	1,601,204	1,675	1,602,879	1,668	139,608	2,108,489	3.03%
Patrick Henry	16,302	14,216	1,603	8,305	0	40,427	96,963	0	96,963	1,490	21,699	160,579	2.67%
Paul D. Camp	9,460	3,859	0	0	1,589	14,908	139,014	4,422	143,436	0	2,208	160,552	3.37%
Piedmont Virginia	19,980	12,738	2,992	10,430	0	46,140	168,851	0	168,851	0	6,035	221,026	2.82%
Rappahannock	14,391	10,222	1,207	0	0	25,820	141,789	0	141,789	0	3,538	171,147	3.24%
Southside Virginia	18,325	6,474	850	4,743	800	31,192	106,473	0	106,473	0	8,000	145,665	1.78%
Southwest Virginia	21,500	696	9,268	0	6,475	37,939	145,422	0	145,422	0	18,038	201,399	1.49%
Thomas Nelson	43,381	22,219	10,520	973	2,562	79,655	295,611	23,427	319,038	420	18,824	417,937	2.64%
Tidewater	80,058	62,777	15,877	3,513	24,424	186,649	879,706	13,341	893,047	1,014	20,849	1,101,559	3.10%
Virginia Highlands	18,312	6,907	3,514	0	0	28,733	121,096	0	121,096	0	4,084	153,913	2.12%
Virginia Western	13,262	19,221	8,483	0	2,898	43,864	189,337	0	189,337	2,451	8,588	244,240	1.61%
Wytheville	11,953	14,351	2,549	1,895	0	30,748	125,536	0	125,536	113	2,333	158,730	1.92%
All Com. College	585,182	417,401	214,823	73,523	71,530	1,362,459	5,804,514	51,893	5,856,407	8,721	400,108	7,627,695	2.61%
Richard Bland	21,106	13,304	1,388	165	15,304	51,267	71,841	370	72,211	2,149	1,420	127,047	2.74%
All 2-Yr Publi	606,288	430,705	216,211	73,688	86,834	1,413,726	5,876,355	52,263	5,928,618	10,870	401,528	7,754,742	2.61%
Previous Yr. (89/9	998,438	543,623	192,515	166,358	146,841	2,047,775	5,934,971	17,683	5,952,654	12,165	647,501	8,660,095	2.99%
Change Over Year	(392,150)	(112,918)	23,696	(92,670)	(60,007)	(634,049)	(58,616)	34,580	(24,036)	(1,295)	(245,973)	(905,353)	-0.38%
Percent Change	-39.28%	-20.77%	12.31%	-55.71%	-40.87%	-30.96%	-0.99%	195.56%	-0.40%	-10.65%	-37.99%	-10.45%	

TABLE 17 - UNIT COSTS FOR MONOGRAPHS AND PERIODICALS PURCHASED BY PUBLIC TWO-YEAR INSTITUTIONS, 1990/1991

Public 2-Year Institutions 1990-1991	Monographs					Periodicals				
	Expenditure	No. of Volumes	Unit Cost	Previous Yr's UC	Percent Change	Expenditure	No. of Subs.	Unit Cost	Previous Yr's UC	Percent Change
Blue Ridge	16,991	738	23.02	18.93	21.62%	13,794	307	44.93	37.99	18.27%
Central Virginia	12,239	403	30.37	20.82	45.87%	11,852	170	69.72	64.63	7.87%
D. S. Lancaster	3,501	256	13.68	15.00	-8.83%	12,456	283	44.01	45.87	-4.05%
Danville	17,583	1,953	9.00	23.83	-62.22%	10,987	243	45.21	32.44	39.38%
Eastern Shore	11,220	400	28.05	30.69	-8.60%	3,770	96	39.27	33.02	18.93%
Germanna	13,320	440	30.41	31.75	-4.00%	4,816	144	33.45	33.49	-0.12%
J. S. Reynolds	18,131	567	31.98	18.27	75.02%	40,246	732	54.98	45.32	21.32%
John Tyler	22,168	816	27.17	31.39	-13.45%	7,149	224	31.92	28.98	10.13%
Lord Fairfax	35,139	1,265	27.78	22.58	23.02%	10,605	280	37.88	41.48	-8.69%
Mountain Empire	14,340	438	32.74	24.08	35.96%	13,928	282	49.39	44.38	11.29%
New River	13,810	302	45.73	39.96	14.44%	7,247	160	45.29	43.16	4.94%
Northern Virginia	139,816	5,196	26.91	25.58	5.19%	106,871	1,526	70.03	92.03	-23.90%
Patrick Henry	16,302	425	38.36	40.32	-4.86%	14,216	238	59.73	55.94	6.78%
Paul D. Camp	9,460	266	35.56	22.27	59.69%	3,859	142	27.18	47.16	-42.37%
Piedmont Virginia	19,980	593	33.69	28.23	19.35%	12,738	232	54.91	49.94	9.94%
Rappahannock	14,391	1,425	10.10	17.31	-41.66%	10,222	278	36.77	62.69	-41.35%
Southside Virginia	18,325	523	35.04	22.90	53.01%	6,474	289	22.40	22.01	1.78%
Southwest Virginia	21,500	816	26.35	28.09	-6.20%	696	250	2.78	92.28	-96.98%
Thomas Nelson	43,381	1,502	28.88	32.52	-11.19%	22,219	438	50.73	54.34	-6.65%
Tidewater	80,058	3,147	25.44	24.27	4.82%	62,777	1,053	59.62	59.10	0.88%
Virginia Highlands	18,312	384	47.69	23.19	105.64%	6,907	153	45.14	47.43	-4.82%
Virginia Western	13,262	322	41.19	29.15	41.29%	19,221	395	48.66	46.46	4.74%
Wytheville	11,953	365	32.75	31.27	4.73%	14,351	245	58.58	54.01	8.45%
All Com. Colleges	585,182	22,542	25.96	25.62	1.33%	417,401	8,160	51.15	56.17	-8.93%
Richard Bland	21,106	616	34.26	32.20	6.41%	13,304	200	66.52	57.49	15.71%
All 2-Yr Public	606,288	23,158	26.18	25.76 25.76	1.62%	430,705	8,360	51.52	56.19	-8.32%
Previous Yr. (89/90)	998,438	38,755	25.76	26.53	-2.88%	543,623	9,674	56.19	47.91	17.30%
Change Over Year	(392,150)	(15,597)	0.42	(0.77)	4.50%	(112,918)	(1,314)	(4.67)	8.28	-25.62%
Percent Change	-39.28%	-40.25%	1.62%	-2.89%	-156.27%	-20.77%	-13.58%	-8.32%	17.29%	-148.10%

TABLE 18 - LIBRARY CIRCULATIONS BY TYPE OF CLIENTELE IN PUBLIC TWO-YEAR INSTITUTIONS, 1990/1991

Public 2-Year Institutions 1990-1991	External Circulations										Total External Circulation	Total Reserve Circulation
	Undergraduate		Graduate		Faculty & Staff		Off-Campus		General Public			
	N	Period	N	Period	N	Period	N	Period	N	Period		
Blue Ridge	11,888	2 weeks	0	...	(a)	2 weeks	0	...	(a)	2 weeks	11,888	---
Central Virginia	13,371	3 weeks	0	...	2,652	3 weeks	0	...	401	3 weeks	16,424	1,221
D. S. Lancaster	8,012	2 weeks	0	...	6,176	2 weeks	0	...	3,261	2 weeks	17,449	3,326
Danville	18,946	4 weeks	0	...	2,202	semester	0	...	3,964	4 weeks	25,112	1,350
Eastern Shore	8,164	3 weeks	0	...	(a)	3 weeks	0	...	(a)	3 weeks	8,164	420
Germanna	8,599	3 weeks	0	...	2,413	semester	0	...	2,856	3 weeks	13,868	1,246
J. S. Reynolds	19,124	2 weeks	0	...	3,291	2 weeks	10	2 weeks	1,860	2 weeks	24,285	6,329
John Tyler	10,513	3 weeks	0	...	2,172	3 weeks	0	...	1,426	3 weeks	14,111	1,375
Lord Fairfax	16,661	3 weeks	0	...	3,000	semester	0	...	4,500	3 weeks	24,161	9,519
Mountain Empire	14,605	2 weeks	0	...	2,314	Semester	0	...	1,577	2 weeks	18,496	607
New River	18,518	3 weeks	0	...	12,304	3 weeks	1,921	Semester	2,040	3 weeks	34,783	17,199
Northern Virginia	94,918	2 weeks	0	...	9,947	semester	(a)	2 weeks	8,959	2 weeks	113,824	47,283
Patrick Henry	6,118	3 weeks	0	...	412	3 weeks	0	...	118	3 weeks	6,648	1,634
Paul D. Camp	4,014	3 weeks	0	...	175	3 weeks	(a)	3 weeks	(a)	3 weeks	4,189	87
Piedmont Virginia	30,987	4 weeks	0	...	(a)	4 weeks	0	...	(a)	4 weeks	30,987	3,144
Rappahannock	7,820	3 weeks	0	...	1,867	3 weeks	186	3 weeks	8,791	3 weeks	18,664	2,448
Southside Virginia	10,080	2 weeks	0	...	1,581	semester	121	2 weeks	342	2 weeks	12,124	2,148
Southwest Virginia	14,087	2 weeks	0	...	2,072	semester	414	2 weeks	4,144	2 weeks	20,717	592
Thomas Nelson	22,438	4 weeks	0	...	(a)	4 weeks	0	...	(a)	4 weeks	22,438	42,318
Tidewater	49,190	2 weeks	0	...	14,369	6 weeks	0	...	1,635	2 weeks	65,194	4,495
Virginia Highlands	13,382	2 weeks	0	...	2,304	2 weeks	0	...	1,523	2 weeks	17,209	3,131
Virginia Western	18,004	2 weeks	0	...	1,925	3 months	0	...	5,429	2 weeks	25,358	8,550
Wytheville	7,918	2 weeks	0	...	2,118	2 wks/sem	0	...	1,565	2 weeks	11,601	1,926
All Com. Colleges	427,357	...	0	...	73,294	...	2,652	...	54,391	...	557,694	160,348
Richard Bland	7,044	3 weeks	0	...	(a)	semester	0	...	(a)	3 weeks	7,044	(a)
All 2-Yr Public	434,401	...	0	...	73,294	...	2,652	...	54,391	...	564,738	160,348
Previous Yr. (89/90)	479,264	...	0	...	81,787	...	966	...	61,952	...	623,969	153,888
Change Over Year	(44,863)		0		(8,493)		1,686		(7,561)		(59,231)	6,460
Percent Change	-9.36%		...		-10.38%		174.53%		-12.20%		-9.49%	4.20%

(a) Included in undergraduate circulation count.

TABLE 19 - LIBRARY SERVICES AND LIBRARY AUTOMATION IN PUBLIC TWO-YEAR INSTITUTIONS, 1990/1991

Public 2-Year Institutions 1990-1991	Hours Open Per Week	Days Open More Than 2 Hours	Total Circulation (Includes Reserves)	Automated Search Transactions				Membership in National or Regional Library Network	Automated Library System	% of Holdings in Machine-Readable For	
				Number of Searches		Cost	Billing Policy			Print Titles	Non-Print Titles
				By Staff	By Patron						
Blue Ridge	62.15	5	11,888	0	0	0.00	...	Va Gp Acc	MicroVTLS	37.93%	15.21%
Central Virginia	68.00	6	17,645	0	0	0.00	...		In-house	39.92%	0.00%
D. S. Lancaster	63.50	6	20,775	0	0	0.00	...	Va Gp Acc		1.61%	0.00%
Danville	67.00	6	26,462	2	0	92.60	Library/Client	Solinet		0.00%	0.00%
Eastern Shore	54.00	5	8,584	85	0	?	Library/Client	Solinet		0.00%	0.00%
Germanna	52.50	5	15,115	0	0	0.00	...			31.00%	0.00%
J. S. Reynolds	69.00	6	30,614	33	0	826.00	Library	Solinet	VTLS	99.93%	0.00%
John Tyler	57.00	5	15,486	0	0	0.00	...	Solinet		2.13%	?
Lord Fairfax	67.50	7	33,680	0	0	0.00	...	Solinet	Intel Cat	77.50%	39.94%
Mountain Empire	60.00	5	19,103	0	0	0.00	...	SWING		3.16%	9.01%
New River	68.50	6	51,982	0	0	0.00	...	Solinet	Winnebago	91.56%	73.39%
Northern Virginia	77.00	6	161,107	250	59	966.00	Library/Client	Solinet	In-house	98.66%	61.02%
Patrick Henry	64.00	6	8,282	1	0	40.00	?	Solinet		109.09%	0.00%
Paul D. Camp	54.50	5	4,276	0	0	0.00	...			0.00%	0.00%
Piedmont Virginia	66.50	6	34,131	0	0	0.00	...			0.00%	0.00%
Rappahannock	54.00	5	21,112	0	0	0.00	...			0.00%	0.00%
Southside Virginia	58.00	5	14,272	297	0	?	Institution			0.00%	0.00%
Southwest Virginia	65.00	6	21,309	0	0	0.00	...		Bib'file	41.54%	0.00%
Thomas Nelson	68.00	6	64,756	42	0	566.00	Library/client	Solinet		24.45%	20.13%
Tidewater	65.00	6	69,689	61	0	608.00	Library	Solinet		100.00%	6.07%
Virginia Highlands	57.00	5	20,340	0	0	0.00	...	Solinet		12.43%	0.00%
Virginia Western	69.00	6	33,908	4	44	309.00	Library	Solinet	In-house	23.28%	2.09%
Wytheville	57.00	5	13,527	0	0	0.00	...	Solinet		0.00%	0.00%
All Com. Colleges	...	...	718,042	775	103	3,407.60	...	17	8	49.65%	15.01%
Richard Bland	54.00	6	7,044	0	0	0.00	...			0.00%	0.00%
All 2-Yr Public	...	...	725,086	775	103	3,407.60	...	17	8	47.61%	14.46%
Previous Yr. (89/90)	...	...	777,857	774	86	5,850.57	...	10	7	36.57%	14.38%
Change Over Year	...	...	(52,771)	1	17	-2442.97	...	7	1	11.04%	0.08%
Percent Change	...	...	-6.78%	0.13%	19.77%	-41.76%	...	70.00%	14.29%	30.19%	0.55%

TABLE 20 - INTERLIBRARY LOAN ACTIVITIES IN PUBLIC TWO-YEAR INSTITUTIONS, 1990/1991

Public 2-Year Institutions 1990-1991	All Loans		In-State Interlibrary Loan Activity					
			Requests to Lend Items			Requests to Borrow Items		
	Lent To Other Libraries	Borrowed From Other Libraries	Received	Filled	% Filled	Received	Filled	% Filled
Blue Ridge	1	59	1	1	100.00%	72	59	81.94%
Central Virginia	83	218	93	83	89.25%	239	210	87.87%
D. S. Lancaster	45	219	45	45	100.00%	320	211	65.94%
Danville	0	8	2	0	0.00%	8	8	100.00%
Eastern Shore	13	58	19	13	68.42%	67	58	86.57%
Germanna	0	6	6	6	100.00%	6	6	100.00%
J. S. Reynolds	90	44	104	86	82.69%	54	40	74.07%
John Tyler	19	67	27	19	70.37%	75	66	88.00%
Lord Fairfax	5	279	4	4	100.00%	308	262	85.06%
Mountain Empire	10	208	6	6	100.00%	175	170	97.14%
New River	1	86	1	1	100.00%	132	79	59.85%
Northern Virginia	169	230	173	141	81.50%	218	145	66.51%
Patrick Henry	170	50	132	90	68.18%	50	45	90.00%
Paul D. Camp	1	71	2	1	50.00%	77	71	92.21%
Piedmont Virginia	1	2	1	1	100.00%	2	2	100.00%
Rappahannock	2	437	1	1	100.00%	642	437	68.07%
Southside Virginia	70	427	80	70	87.50%	451	402	89.14%
Southwest Virginia	3	425	3	3	100.00%	446	425	95.29%
Thomas Nelson	31	55	30	27	90.00%	75	50	66.67%
Tidewater	1,124	1,587	1,056	743	70.36%	1,675	1,133	67.64%
Virginia Highlands	64	512	83	64	77.11%	461	417	90.46%
Virginia Western	101	71	127	101	79.53%	93	69	74.19%
Wytheville	1	223	1	0	0.00%	194	160	82.47%
All Com. Colleges	2,004	5,342	1,997	1,506	75.41%	5,840	4,525	77.48%
Richard Bland	0	9	0	0	...	9	9	100.00%
All 2-Yr Public	2,004	5,351	1,997	1,506	75.41%	5,849	4,534	77.52%
Previous Yr. (89/90)	1,680	4,576	1,765	1,525	86.40%	5,204	4,064	78.09%
Change Over Year	324	775	232	-19	-10.99%	645	470	-0.58%
Percent Change	19.29%	16.94%	13.14%	-1.25%	-12.72%	12.39%	11.56%	-0.74%

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TABLE 21 - LIBRARY COLLECTIONS IN INDEPENDENT INSTITUTIONS, 1990/1991

Independent Institutions 1990-1991	Bookstock		Volumes Withdrawn From Coll.	Current Period. Sub-scriptns	Unbound Noncurr. Periodicals		Documents (If in a Separate Collectn)	Microforms			Audio-Visual Materials	All Other Materials
	Volumes Held	Titles Held			Volumes	Titles		Book Titles	Periodl Titles	All Microforms		
Atlantic	57,230	31,380	823	150	1,616	224	0	0	0	0	2,050	6,401
Averett	92,334	77,483	1,868	491	207	81	0	51,605	383	93,454	0	19
Bluefield	60,793	59,659	134	158	374	650	0	0	95	95	1,858	0
Bridgewater	147,202	106,449	1,018	555	3,088	362	37,228	2,407	70	39,879	5,662	0
CHRV Col. Health-Sci	6,519	4,546	190	181	380	19	0	0	7	206	333	0
Christendom	31,797	26,526	181	169	640	51	0	0	53	684	234	1
Commonwealth	19,795	19,745	967	513	2,781	273	0	1,616	120	3,722	2,433	355
ECPI Computer Inst.	12,536	11,081	156	300	252	242	0	0	0	0	299	21
Eastern Mennonite	127,437	105,809	808	1,039	21,034	1,808	0	476	257	40,859	9,762	10,015
Eastern Va. Med. Sch	60,797	18,905	1,754	1,156	7,331	?	250	2	9	?	1,834	150
Emory and Henry	141,115	114,287	1,140	1,063	?	?	99,213	0	123	10,073	3,238	913
Ferrum	91,758	74,100	1,679	560	0	0	0	1,446	74	4,556	967	0
Hampden-Sydney	184,332	?	108	794	781	781	17,592	0	51	23,076	5,300	918
Hampton University	279,547	138,614	1,129	1,531	0	0	72,625	31,615	1,283	498,832	6	39,196
Hollins	226,147	164,164	220	1,335	0	0	0	1,450	428	181,913	3,747	1,058
Inst. Textile Tech.	---	---	---	---	---	---	---	---	---	---	---	---
Liberty University	191,679	168,039	839	1,282	8,091	1,269	600	32,000	440	637,703	6,080	50
Lynchburg	170,682	138,525	865	774	0	0	0	217	311	228,166	22,248	498
Mary Baldwin	155,998	101,873	161	677	0	0	0	721	113	39,479	2,200	225
Marymount	101,035	79,050	23	1,067	0	0	0	0	370	200,544	1,070	0
National Bus. Col.	30,934	31,547	358	122	5,694	1,011	60	0	0	0	133	785
Prot. Epis. Sem.	124,979	?	566	863	?	?	0	?	?	4,962	1,935	0
Randolph-Macon	133,944	114,000	5,704	804	8,550	735	3,915	1,164	217	44,968	2,453	577
Rand.-Macon Woman's	159,537	103,125	633	841	1,308	169	0	14	337	?	986	?
Regent: Academic	143,006	110,556	98	1,460	331	202	0	166,286	548	496,606	9,702	137
Law	106,655	34,167	735	2,170	0	0	0	0	0	662,924	402	0
Total	249,661	144,723	833	3,630	331	202	0	166,286	548	1,159,530	10,104	137
Roanoke	157,718	103,482	1,200	931	0	0	9,271	26	331	120,606	3,428	1,598
Saint Paul's	70,000	58,270	96	225	225	50	2,447	36	95	32,903	4,529	5
Shenandoah	99,395	83,000	1,636	564	2,293	567	0	118	243	15,036	14,042	0
Southern Seminary	46,307	?	26	149	599	127	0	0	58	530	2,156	0
Sweet Briar	208,224	?	302	914	0	0	0	41	808	253,260	3,812	0
Union Theological	270,149	?	290	1,551	0	0	0	?	0	42,604	59,295	704
U. Richmd: Academic	390,371	?	1,166	3,374	?	?	203,406	213	40,207	216,665	30,965	19
Law	120,283	20,411	6,391	2,902	0	0	0	316	61,345	410,324	964	0
Total	510,654	20,411	7,557	6,276	0	0	203,406	529	101,552	626,989	31,929	19
Virginia College	1,418	1,418	0	12	366	12	0	0	0	0	60	0
Virginia Intermont	66,760	58,728	0	320	3,246	100	0	4	51	27,400	11,788	1,097
Virginia Sem. & Col.	---	---	---	---	---	---	---	---	---	---	---	---
Virginia Union	133,752	74,970	0	310	0	0	0	351	413	47,876	1,450	47
Virginia Wesleyan	96,621	77,297	81	447	0	0	0	250	51	22,462	2,987	0
W. & L.: Academic	402,742	255,806	754	2,404	?	?	96,466	643	108	116,388	1,989	?
Law	146,206	37,756	940	3,874	0	0	24,254	0	0	581,000	1,064	0
Total	548,948	293,562	1,694	6,278	0	0	120,720	643	108	697,388	3,053	0
All Independent	5,010,504	2,573,388	34,216	37,882	67,571	8,509	567,327	293,017	108,999	5,099,755	221,411	58,388
Previous Yr. (89/90)	4,460,771	2,340,525	31,347	35,374	58,671	6,855	475,515	292,839	101,178	4,267,524	206,776	17,502
Change Over Year	549,733	232,863	2,869	2,508	8,900	1,654	91,812	178	7,821	832,231	14,635	40,886
Percent Change	12.32%	9.95%	9.15%	7.09%	15.17%	24.13%	19.31%	0.06%	7.73%	19.50%	7.08%	233.61%

TABLE 22 - LIBRARY STAFF IN INDEPENDENT INSTITUTIONS, 1990/1991

Independent Institutions 1990-1991	Chief Librarians			Other Librarians			Other Professionals			Technical/Clerical			All Staff			Student Assistants	
	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Full-Time	Part-Time	Vacant	Total Hours	FTE's
Atlantic	1	0.00	0.00	1	1.72	0.00	1	0.00	0.00	3	2.66	0.00	6	4.38	0.00	0	0.00
Averett	1	0.00	0.00	3	0.00	0.00	2	0.00	0.00	1	0.00	0.00	7	0.00	0.00	6,178	3.26
Bluefield	1	0.00	0.00	0	0.00	0.00	2	0.00	0.00	1	0.00	0.00	4	0.00	0.00	978	0.52
Bridgewater	1	0.00	0.00	4	0.00	0.00	0	0.00	0.00	2	0.00	0.00	7	0.00	0.00	6,497	3.43
CHRV Col. Health-Sci	1	0.00	0.00	0	0.00	0.00	0	0.00	0.00	2	0.50	0.00	3	0.50	0.00	1,248	0.66
Christendom	1	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	9.00	9.00	2	9.00	9.00	3,250	1.71
Commonwealth	1	0.00	0.00	4	3.00	0.00	0	1.00	0.00	4	3.00	0.00	9	7.00	0.00	112	0.06
ECPI Computer Inst.	1	1.50	0.50	0	1.00	0.00	0	1.00	0.00	0	2.00	0.00	1	5.50	0.50	840	0.44
Eastern Mennonite	1	0.00	0.00	2	0.96	0.00	0	0.33	0.00	2	2.29	0.00	5	3.58	0.00	13,890	7.33
Eastern Va. Med. Sch	1	0.00	0.00	6	0.00	0.00	0	0.00	0.00	10	3.65	0.00	17	3.65	0.00	504	0.27
Emory and Henry	1	0.00	0.00	1	0.90	0.00	0	0.00	0.00	7	0.00	0.00	9	0.90	0.00	6,049	3.19
Ferrum	3	0.00	0.00	2	0.00	0.00	1	0.00	0.00	3	0.00	0.00	9	0.00	0.00	5,200	2.74
Hampden-Sydney	1	0.00	0.00	4	0.00	0.00	0	0.00	0.00	6	0.00	0.00	11	0.00	0.00	7,905	4.17
Hampton University	1	0.00	0.00	8	1.00	0.00	0	0.00	0.00	16	5.00	1.50	25	6.00	1.50	12,864	6.78
Hollins	2	0.00	0.00	2	0.00	2.00	0	0.00	0.00	9	3.20	0.00	13	3.20	2.00	7,123	3.76
Inst. Textile Tech.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Liberty University	1	0.00	0.00	6	0.00	0.00	0	0.00	0.00	14	0.00	0.00	21	0.00	0.00	17,626	9.30
Lynchburg	1	0.00	0.00	4	0.75	0.00	0	0.00	0.00	5	0.50	0.00	10	1.25	0.00	9,000	4.75
Mary Baldwin	1	0.00	0.00	2	0.00	0.00	0	0.00	0.00	4	0.00	0.00	7	0.00	0.00	7,360	3.88
Marymount	4	0.00	0.00	0	2.70	0.00	1	0.00	0.00	13	2.30	0.00	18	5.00	0.00	4,872	2.57
National Bus. Col.	1	7.00	0.00	0	0.00	0.00	0	0.00	0.00	0	1.00	0.00	1	8.00	0.00	3,133	1.65
Prot. Epis. Sem.	1	0.00	0.00	5	0.00	0.00	0	0.40	0.00	1	1.00	0.00	7	1.40	0.00	2,108	1.11
Randolph-Macon	1	0.00	0.00	4	0.00	0.00	0	0.00	0.00	9	0.00	0.00	14	0.00	0.00	5,700	3.01
Rand.-Macon Woman's	0	0.80	0.00	4	0.00	0.00	1	0.80	0.00	4	0.00	0.00	9	1.60	0.00	7,982	4.21
Regent: Academic	2	0.00	0.00	5	0.00	1.00	3	0.75	0.00	13	0.00	1.00	23	0.75	2.00	28,781	15.18
Law	1	0.00	0.00	3	0.00	0.00	0	0.00	0.00	3	0.00	0.00	7	0.00	0.00	7,467	3.94
Total	3	0.00	0.00	8	0.00	1.00	3	0.75	0.00	16	0.00	1.00	27	0.00	2.00	36,248	19.12
Roanoke	1	0.00	0.00	4	0.00	0.00	1	0.75	0.00	6	0.00	0.00	12	0.75	0.00	5,398	2.85
Saint Paul's	1	0.00	0.00	2	0.00	0.00	1	0.00	0.00	2	0.00	1.00	6	0.00	1.00	3,968	2.09
Shenandoah	1	0.00	0.00	2	0.00	0.00	1	0.00	0.00	3	1.30	0.00	7	1.30	0.00	7,687	4.05
Southern Seminary	1	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	2.03	0.00	1	2.03	0.00	1,467	0.77
Sweet Briar	2	0.00	0.00	2	0.00	0.00	0	0.00	0.00	6	0.83	1.00	10	0.83	1.00	13,259	6.99
Union Theological	2	0.00	0.00	2	1.60	0.00	3	0.00	0.00	10	3.45	0.00	17	5.05	0.00	8,112	4.28
U. Richmd: Academic	1	0.00	0.00	12	0.00	0.00	0	0.00	0.00	20	1.75	0.00	33	1.75	0.00	27,500	14.50
Law	2	0.00	0.00	3	0.00	0.00	0	0.00	0.00	7	0.53	0.00	12	0.53	0.00	8,495	4.48
Total	3	0.00	0.00	15	0.00	0.00	0	0.00	0.00	27	2.28	0.00	45	2.28	0.00	35,995	18.98
Virginia College	0	0.50	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.50	0.00	0	0.00
Virginia Intermont	1	0.00	0.00	1	0.00	0.00	0	0.00	0.00	3	0.00	0.00	5	0.00	0.00	2,797	1.48
Virginia Sem. & Col.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Virginia Union	1	0.00	0.00	3	1.00	1.00	1	1.00	0.00	3	0.00	0.00	8	2.00	1.00	9,425	4.97
Virginia Wesleyan	1	0.00	0.00	3	0.00	0.00	0	0.00	0.00	3	1.50	0.00	7	1.50	0.00	9,095	4.80
W. & L.: Academic	1	0.00	0.00	5	0.66	0.00	1	0.00	0.00	11	1.00	0.00	18	1.66	0.00	8,867	4.68
Law	2	0.00	0.00	5	0.00	0.00	0	0.00	0.00	8	0.00	0.00	15	0.00	0.00	8,472	4.47
Total	3	0.00	0.00	10	0.66	0.00	1	0.00	0.00	19	1.00	0.00	32	1.66	0.00	17,339	9.15
All Independent	47	9.80	0.50	113	13.57	4.00	18	6.03	0.00	212	45.83	13.50	390	75.23	18.00	281,208	148.32
Previous Yr. (89/90)	51	2.90	0.00	98	9.60	2.00	14	2.15	0.00	202	26.90	0.00	365	41.55	2.00	267,291	140.98
Change Over Year	-4	6.90	0.50	15	3.97	2.00	4	3.88	0.00	10	18.93	13.50	25	33.68	16.00	13,917	7.34
Percent Change	-7.84%	237.93%	ERR	15.31%	41.35%	100.00%	28.57%	180.47%	ERR	4.95%	70.37%	ERR	6.85%	81.06%	800.00%	5.21%	5.21%

TABLE 23 - TOTAL LIBRARY EXPENDITURES IN INDEPENDENT INSTITUTIONS, 1990/1991

Independent Institutions 1990-1991	Expenditures for Materials					All Library Expenditures							Library Exp. as Pct. of E&G
	Books	Periodicals	Microforms	Audio-Visuals	Other Materials	Materials	Salaries	Wages	Salaries and Wages	Binding	All Other	Total	
Atlantic	5,361	1,876	0	250	0	7,487	137,626	0	137,626	2,458	3,282	150,853	77.30%
Averett	53,150	15,289	9,003	0	9,639	87,081	165,808	25,543	191,351	1,665	54,733	334,830	3.47%
Bluefield	12,543	10,118	0	3,448	0	26,109	59,485	1,123	60,608	765	7,513	94,995	2.71%
Bridgewater	80,388	40,192	3,461	6,222	0	130,263	150,100	27,611	177,711	3,235	23,752	334,961	2.55%
CHRV Col. H-Sci	13,720	10,424	108	5,272	0	29,524	61,325	0	61,325	682	8,741	100,272	3.61%
Christendom	5,835	9,958	1,201	24	0	17,018	57,906	27,010	84,916	600	4,534	107,068	5.87%
Commonwealth	97,797	17,598	0	3,441	7,800	126,636	157,324	5,765	163,089	0	29,619	319,344	2.68%
ECPI Comp. Inst.	30,900	645	0	3,920	1,750	37,215	19,000	4,200	23,200	0	39,520	99,935	1.51%
East'n Mennonite	56,338	30,460	10,045	6,133	833	103,809	181,461	0	181,461	1,846	74,239	361,355	3.04%
EVMS	46,250	293,941	0	9,781	0	349,972	424,876	0	424,876	14,089	469,773	1,258,710	2.51%
Emory and Henry	92,115	63,926	52	16,026	0	172,120	190,282	23,481	213,763	6,415	72,741	465,039	5.06%
Ferrum	71,463	36,230	0	12,581	0	120,274	171,865	0	171,865	11,738	47,927	351,804	2.91%
Hampden-Sydney	279,487	104,714	0	0	0	384,201	263,565	32,535	296,100	8,897	106,123	795,321	4.79%
Hampton Univ.	230,000	185,991	13,518	300	0	429,809	461,751	47,671	509,422	0	436,418	1,375,649	2.49%
Hollins	49,245	103,394	2,300	2,520	5,528	162,987	343,763	30,272	374,035	7,537	54,519	599,078	3.66%
Inst. Text. Tech	---	---	---	---	---	---	---	---	---	---	---	---	---
Liberty Univ.	65,168	26,279	5,078	642	0	97,167	301,676	60,849	362,525	0	0	459,692	0.87%
Lynchburg	139,100	73,804	12,937	13,500	22,635	261,976	307,500	37,301	344,801	5,569	34,743	647,089	2.75%
Mary Baldwin	72,746	56,261	0	0	0	129,007	144,302	17,028	161,330	5,929	18,047	314,313	1.94%
Marymount	184,107	69,775	15,283	6,200	60,228	335,593	553,144	5,678	558,822	14,761	391,767	1,300,943	5.63%
Nat'l Bus. Col.	17,791	3,605	0	0	252	21,648	60,058	12,283	72,341	0	1,385	95,374	1.76%
Prot. Epis. Sem.	78,637	28,469	(a)	(a)	0	107,106	285,870	14,738	300,608	11,702	166,421	585,837	8.36%
Randolph-Macon	130,289	88,901	18,502	6,862	0	244,554	302,464	18,610	321,074	12,093	82,909	660,630	3.77%
R.-Macon Woman's	75,490	75,460	10,138	8,200	0	169,288	218,505	30,433	248,938	1,492	22,832	442,550	2.91%
Regent: Academic	50,541	100,647	25,251	5,357	9,210	191,006	570,617	135,716	706,333	12,995	74,418	984,752	
Law	38,721	288,062	25,380	2,076	0	354,239	176,676	36,441	213,117	2,903	10,529	580,788	
Total	89,262	388,709	50,631	7,433	9,210	545,245	747,293	172,157	919,450	15,898	84,947	1,565,540	10.19%
Roanoke	82,729	59,690	23,453	252	0	166,124	293,679	15,688	309,367	5,192	44,598	525,281	2.69%
Saint Paul's	25,000	20,000	32,903	400	0	78,303	146,798	0	146,798	0	13,865	238,966	3.37%
Shenandoah	77,576	38,581	8,141	8,047	28,005	160,350	146,176	0	146,176	2,387	42,710	351,623	3.17%
Southern Sem.	10,798	5,361	1,439	93	0	17,691	37,308	0	37,308	520	1,055	56,574	1.77%
Sweet Briar	128,426	86,690	9,920	1,456	0	226,492	285,030	53,037	338,067	10,819	41,959	617,337	4.14%
Union Theol. Sem	94,340	30,500	15,908	7,675	?	148,423	339,040	37,000	376,040	6,000	19,510	549,973	8.11%
U. Rich.: Acad.	327,834	482,245	?	73,092	?	883,171	935,515	111,733	1,047,248	23,350	165,820	2,119,589	
Law	54,793	454,390	33,604	3,170	1,540	547,497	320,946	42,005	362,951	11,160	179,604	1,101,212	
Total	382,627	936,635	33,604	76,262	1,540	1,430,668	1,256,461	153,738	1,410,199	34,510	165,820	3,041,197	5.76%
Va. College	4,808	300	0	150	125	5,383	7,680	0	7,680	0	0	13,063	10.04%
Va. Intermont	22,717	17,273	3,716	4,874	0	48,580	76,103	11,886	87,989	1,937	30,747	169,253	3.35%
Va. Sem. & Col.	---	---	---	---	---	---	---	---	---	---	---	---	---
Va. Union	40,000	26,000	(b)	(a)	5,000	71,000	172,534	0	172,534	(a)	6,500	250,034	1.84%
Va. Wesleyan	63,368	33,832	1,388	83	0	98,671	201,138	38,653	239,791	4,396	74,388	417,246	3.60%
W.&L.: Academic	318,710	319,753	?	18,030	?	656,493	474,894	33,130	508,024	26,587	127,062	1,318,166	
Law	75,549	502,587	24,255	18,856	33,309	654,556	386,580	35,101	421,681	10,067	80,316	1,166,620	
Total	394,259	822,340	24,255	36,886	33,309	1,311,049	861,474	68,231	929,705	36,654	207,378	2,484,786	6.65%
All Independent	3,298,469	3,811,345	306,984	248,683	185,854	7,851,335	9,452,744	972,522	10,425,266	227,328	2,881,732	21,385,661	4.38%
Previous Yr. (89	2,643,153	3,341,088	330,923	208,380	240,528	6,764,072	8,414,504	791,270	9,205,774	217,447	2,375,745	18,563,038	3.63%
Change Over Year	655,316	470,257	(23,939)	40,303	(54,674)	1,087,263	1,038,240	181,252	1,219,492	9,881	505,987	2,822,623	0.75%
Percent Change	24.79%	14.07%	-7.23%	19.34%	-22.73%	16.07%	12.34%	22.91%	13.25%	4.54%	21.30%	15.21%	20.72%

(a) Included in book expenditures. (b) Included in periodical expenditures.

TABLE 24 - UNIT COSTS FOR MONOGRAPHS AND PERIODICALS PURCHASED BY INDEPENDENT INSTITUTIONS, 1990/1991

Independent Institutions 1990-1991	Monographs					Periodicals				
	Expenditure	No. of Volumes	Unit Cost	Previous Yr's UC	Percent Change	Expenditure	No. of Subs.	Unit Cost	Previous Yr's UC	Percent Change
Atlantic	5,361	338	15.86	15.16	4.62%	1,876	150	12.51	12.74	-1.83%
Averett	53,150	2,055	25.86	28.11	-7.98%	15,289	388	39.40	40.75	-3.30%
Bluefield	7,359	326	22.57	69.77	-67.65%	8,284	158	52.43	61.54	-14.80%
Bridgewater	80,388	2,985	26.93	30.14	-10.65%	40,192	415	96.85	88.13	9.89%
CHRV Col. Health-Sci	13,720	343	40.00	34.91	14.58%	10,424	161	64.75	59.45	8.91%
Christendom	5,835	143	40.80	21.74	87.70%	9,958	169	58.92	---	---
Commonwealth	97,797	7,109	13.76	---	---	15,574	496	31.40	---	---
ECPI Computer Inst.	30,900	2,060	15.00	---	---	645	48	13.44	---	---
Eastern Mennonite	56,338	2,669	21.11	21.44	-1.55%	30,460	690	44.14	45.24	-2.42%
Eastern Va. Med. Sch	46,250	653	70.83	88.81	-20.25%	293,941	1,156	254.27	248.46	2.34%
Emory and Henry	92,115	2,107	43.72	22.24	96.58%	63,926	1,038	61.59	75.29	-18.20%
Ferrum	71,463	?	-----	19.13	-----	36,230	550	65.87	56.72	16.14%
Hampden-Sydney	279,487	7,623	36.66	32.17	13.97%	104,714	658	159.14	130.17	22.26%
Hampton University	230,000	4,100	56.10	---	---	185,991	1,460	127.39	---	---
Hollins	49,245	1,313	37.51	28.75	30.45%	103,394	838	123.38	105.00	17.51%
Inst. Textile Tech.	---	---	---	40.00	---	---	---	---	37.50	---
Liberty University	65,168	2,115	30.81	42.27	-27.11%	26,279	1,282	20.50	95.99	-78.65%
Lynchburg	139,100	3,916	35.52	42.33	-16.08%	73,804	774	95.35	88.99	7.15%
Mary Baldwin	72,746	2,440	29.81	22.71	31.28%	56,261	625	90.02	82.69	8.86%
Marymount	184,107	5,236	35.16	26.55	32.44%	69,775	902	77.36	57.19	35.26%
National Bus. Col.	17,791	8,161	2.18	1.98	10.10%	3,605	113	31.90	13.76	131.85%
Prot. Epis. Sem.	78,637	3,043	25.84	26.12	-1.06%	28,469	694	41.02	33.69	21.76%
Randolph-Macon	130,289	4,826	27.00	28.03	-3.68%	88,901	847	104.96	89.12	17.77%
Rand.-Macon Woman's	75,490	2,290	32.97	33.61	-1.92%	75,460	814	92.70	82.31	12.63%
Regent: Academic	50,541	2,033	24.86	21.22	17.16%	100,647	1,390	72.41	74.19	-2.40%
Law	38,721	3,655	10.59	17.23	-38.51%	288,062	2,170	132.75	112.66	17.83%
Total	89,262	5,688	15.69	19.03	-17.54%	388,709	3,560	109.19	96.52	13.12%
Roanoke	82,729	2,240	36.93	36.10	2.31%	59,690	803	74.33	95.27	-21.98%
Saint Paul's	25,000	489	51.12	58.33	-12.35%	20,000	190	105.26	49.79	111.41%
Shenandoah	77,576	2,182	35.55	27.12	31.09%	38,581	564	68.41	89.20	-23.31%
Southern Seminary	10,798	327	33.02	32.02	3.13%	5,361	149	35.98	31.54	14.08%
Sweet Briar	128,426	2,695	47.65	49.06	-2.87%	86,690	914	94.85	95.12	-0.29%
Union Theological	94,340	6,152	15.33	26.00	-41.01%	30,500	1,551	19.66	26.30	-25.24%
U. Richmd: Academic	327,834	8,328	39.37	38.48	2.31%	482,245	3,372	143.01	115.17	24.18%
Law	54,793	925	59.24	63.78	-7.12%	454,390	2,957	153.67	184.57	-16.74%
Total	382,627	9,253	41.35	40.85	1.22%	936,635	6,329	147.99	144.56	2.37%
Virginia College	4,808	236	20.37	---	---	300	12	25.00	---	---
Virginia Intermont	22,717	809	28.08	23.54	19.29%	17,273	320	53.98	52.64	2.54%
Virginia Sem. & Col.	---	---	---	0.00	---	---	---	---	57.14	---
Virginia Union	40,000	882	45.35	58.24	-22.13%	26,000	310	83.87	88.44	-5.17%
Virginia Wesleyan	63,368	2,665	23.78	24.19	-1.70%	33,832	542	62.42	58.66	6.41%
W. & L.: Academic	318,710	10,102	31.55	27.72	13.83%	319,753	2,724	117.38	112.87	4.00%
Law	75,549	5,664	13.34	12.36	7.91%	502,587	3,874	129.73	119.57	8.50%
Total	394,259	15,766	25.01	22.24	12.42%	822,340	6,598	124.63	116.79	6.72%
All Independent	3,221,822	114,897	28.04	27.16	3.24%	3,807,487	36,118	105.42	102.05	3.30%
Previous Yr. (89/90)	2,653,153	97,695	27.16	29.57	-8.17%	3,340,354	32,732	102.05	94.76	7.70%
Change Over Year	568,669	17,202	0.88	(2.41)	0.11	467,132	3,386	3.37	7.29	(0.04)
Percent Change	21.43%	17.61%	3.25%	-8.16%	-139.72%	13.98%	10.34%	3.30%	7.70%	-57.15%

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TABLE 25 - LIBRARY CIRCULATIONS BY TYPE OF CLIENTELE IN INDEPENDENT INSTITUTIONS, 1990/1991

Independent Institutions 1990-1991	External Circulations												Total External Circulation	Total Reserve Circulation
	Undergraduate		Graduate		Faculty & Staff		Off-Campus		General Public					
	N	Period	N	Period	N	Period	N	Period	N	Period				
Atlantic	0	...	300	1 month	300	1 month	132	1-3 mos	14,848	1-3 mos			15,580	1,899
Averett	16,419	3 weeks	(a)	3 weeks	1,423	semester	(a)	3 weeks	(a)	3 weeks			17,842	2,266
Bluefield	3,290	2 weeks	0	...	194	semester	0	...	0	...			3,484	0
Bridgewater	17,492	2 wks+	0	...	1,536	term	0	...	1,236	2 wks+			20,264	5,046
CHRV Col. Health-Sci	4,552	2 weeks	0	...	(a)	2 weeks	(a)	2 weeks	(a)	2 weeks			4,552	2,081
Christendom	8,399	3 weeks	0	...	517	semester	0	...	25	3 weeks			8,941	634
Commonwealth	5,339	2 weeks	0	...	972	12 weeks	27	2 weeks	0	2 weeks			6,338	278
ECPI Computer Inst.	1,860	1 week	0	...	315	1 month	0	...	0	...			2,175	154
Eastern Mennonite	17,081	3 wks	3,883	3 weeks	1,750	3 weeks	761	3 weeks	2,924	3 weeks			26,399	7,959
Eastern Va. Med. Sch	0	...	10,850	2 weeks	11,098	2 weeks	526	2 weeks	1,550	2 weeks			24,024	12,977
Emory and Henry	17,930	1 month	0	...	2,468	semester	0	...	7,608	1 month			28,006	7,690
Ferrum	12,878	3 weeks	0	...	1,763	semester	0	...	0	...			14,641	?
Hampden-Sydney	8,337	4 weeks	0	...	2,005	indef.	389	4 weeks	1,103	4 weeks			11,834	2,808
Hampton University	38,013	15 days	2,112	15 days	746	senester	786	15 days	583	15 days			42,240	21,069
Hollins	13,758	semester	(a)	semester	5,820	semester	(a)	semester	(b)	semester			19,578	?
Inst. Textile Tech.	0	...	---	indef.	---	Indef.	0	...	---	2 weeks			---	---
Liberty University	56,477	2 weeks	2,209	2 weeks	3,139	semester	16,403	2 weeks	3,928	2 weeks			82,156	13,593
Lynchburg	27,849	4 weeks	(a)	4 weeks	7,414	4 wks/sem	0	...	1,299	4 weeks			36,562	11,680
Mary Baldwin	20,204	semester	0	...	2,069	semester	0	...	386	2 weeks			22,659	3,746
Marymount	17,771	3 weeks	(a)	3 weeks	2,070	3 wks/sem	0	...	1,224	3 weeks			21,065	7,456
National Bus. Col.	2,183	2 weeks	0	...	459	2 weeks	0	...	8	2 weeks			2,650	459
Prot. Epis. Sem.	0	...	6,569	4 weeks	853	(c)	620	4 weeks	1,091	4 weeks			9,133	3,788
Randolph-Macon	9,350	semester	0	...	3,054	semester	0	...	750	2 weeks			13,154	10,500
Rand.-Macon Woman's	10,862	3 weeks	0	...	3,798	1 year	66	3 weeks	395	3 weeks			15,121	7,334
Regent: Academic	0	...	33,003	3 weeks	8,955	quarter	5,212	3 weeks	8,745	3 weeks			55,915	9,981
Law	0	...	0	...	0	...	0	...	0	...			0	0
Total	0	...	33,003	3 weeks	8,955	quarter	5,212	3 weeks	8,745	3 weeks			55,915	9,981
Roanoke	10,120	month	0	...	(a)	month	(a)	month	(a)	month			10,120	2,691
Saint Paul's	2,370	2 weeks	0	...	60	Indef.	0	...	58	2 weeks			2,488	140
Shenandoah	17,702	3 weeks	(a)	3 weeks	6,230	3 weeks	(a)	3 weeks	3,993	3 weeks			27,925	2,382
Southern Seminary	3,996	4 weeks	0	...	(a)	year	(a)	4 weeks	(a)	4 weeks			3,996	1,056
Sweet Briar	19,554	30 days	0	...	(a)	(d)	(a)	30 days	(a)	30 days			19,554	?
Union Theological	0	...	11,675	3 weeks	2,053	3 weeks	9,953	3 weeks	1,725	3 weeks			25,406	697
U. Richmd: Academic	65,190	3 weeks	8,224	4 weeks	17,465	(e)	0	...	1,546	3 weeks			92,425	18,843
Law	441	3 weeks	21,636	4 weeks	2,494	(f)	4	3 weeks	961	3 weeks			25,536	21,018
Total	65,631	...	29,860	...	19,959	...	4	...	2,507	...			117,961	39,861
Virginia College	1,200	2 weeks	0	...	140	2 weeks	0	...	0	...			1,340	0
Virginia Intermont	11,720	2 weeks	0	...	5,434	semester	0	...	(a)	2 weeks			17,154	2,740
Virginia Sem. & Col.	0	...	---	indef.	---	Indef.	0	...	---	2 weeks			---	---
Virginia Union	5,099	2 weeks	(a)	2 weeks	(a)	month	15	2 weeks	(a)	2 weeks			5,114	2,310
Virginia Wesleyan	12,879	3 weeks	0	...	2,281	Indef.	254	3 weeks	488	3 weeks			15,902	8,969
W. & L.: Academic	20,640	semester	0	...	7,427	year	0	...	13,737	2 weeks			41,804	15,055
Law	30	2 weeks	70	2 weeks	60	120 days	10	2 weeks	20	2 weeks			190	31,200
Total	20,670	...	70	...	7,487	...	10	...	13,757	...			41,994	46,255
All Independent	480,985	...	133,234	...	115,017	...	40,238	...	64,128	...			833,602	248,581
Previous Yr. (89/90)	394,412	...	79,245	...	82,820	...	26,338	...	71,392	...			654,207	243,704
Change Over Year	86,573	...	53,989	...	32,197	...	13,900	...	(7,264)	...			179,395	4,877
Percent Change	21.95%	...	68 13%	...	38.88%	...	52.78%	...	-10.17%	...			27.42%	2.00%

(a) Included in undergraduate circulation count.
(b) Included in Faculty and Staff circulation count.
(c) Circulation period: Faculty, year; staff, 4 weeks.
(d) Circulation period: Faculty, 4 months; staff, 30 days.
(e) Circulation period: Faculty, semester; staff, 3 weeks.
(f) Circulation period: Faculty, semester; staff, 4 weeks.

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TABLE 26 - LIBRARY SERVICES AND LIBRARY AUTOMATION IN INDEPENDENT INSTITUTIONS, 1990/1991

Independent Institutions 1990-1991	Hours Open Per Week	Days Open More Than 2 Hours	Total Circulation (Includes Reserves)	Automated Search Transactions: Number of Searches By Staff	Number of Searches By Patron	Cost	Billing Policy	Membership in National or Regional Library Network	Automated Library System	% of Holdings in Machine-Readable For: Print Titles	Non-Print Titles
Atlantic	75.00	7	17,479	0	0	0.00	...			100.00%	0.00%
Averett	75.00	7	20,108	6	0	187.96	Library	Solinet		28.31%	100.00%
Bluefield	67.00	6	3,484	0	0	0.00	...			0.00%	0.00%
Bridgewater	85.00	7	25,310	63	0	1,798	Library	Solinet		30.12%	0.94%
CHRV Col. Health-Sci	69.00	7	6,633	220	0	1,152.00	Institution	OCLC GP ACCE		0.00%	0.00%
Christendom	99.50	7	9,575	7,899	0	2,450.92	Library	Solinet		13.07%	0.00%
Commonwealth	60.00	6	6,616	29	0	380.00	Library			5.63%	4.88%
ECPI Computer Inst.	20.00	4	2,329	0	0	0.00	...			0.00%	0.00%
Eastern Mennonite	87.00	7	34,358	17	0	298.00	Library	Solinet		42.34%	2.02%
Eastern Va. Med. Sch	106.00	7	37,001	1,621	10,054	28,119.00	Library/Client	Solinet	LIS	100.00%	92.44%
Emory and Henry	100.50	7	35,696	30	6	1,479	Instutution	Solinet		55.32%	0.00%
Ferrum	82.75	7	14,641	...	0	6,000.00	Library	Solinet	Intel Cat	97.86%	100.00%
Hampden Sydney	110.50	7	14,642	175	0	1,355.39	Library	Solinet		100.00%	61.23%
Hampton University	81.25	7	63,309	2	0	146.75	Client	OCLC		32.07%	0.00%
Hollins	96.00	7	19,578	73	0	1,307.00	Library	Solinet		98.87%	0.00%
Inst. Textile Tech.	...	...	...	...	...	...	...			...	...
Liberty University	96.00	7	95,749	260	0	3,361	Library	Solinet	DYNIX	90.28%	55.48%
Lynchburg	87.00	7	48,242	72	0	1,180	Library	Solinet	Dynix	90.35%	33.10%
Mary Baldwin	97.00	7	26,405	387	0	1,644	Library	Solinet		34.13%	16.49%
Marymount	90.50	7	28,521	824	0	10,680.00	Library	Capcon+WRLC	NOTIS	96.92%	100.00%
National Bus. Col.	60.00	5	3,109	0	0	0.00	...			0.00%	0.00%
Prot. Epis. Sem.	81.50	7	12,921	0	?	?	Library		Inlex	86.00%	100.00%
Randolph-Macon	101.00	7	23,654	126	5	3,088.00	Library	Solinet	...	86.74%	0.00%
Rand.-Macon Woman's	101.50	7	22,455	83	0	1,009.00	Library/Inst.	Solinet	Dynix	97.74%	80.63%
Regent: Academic	95.00	6	65,896	450	0	7,194.00	Library/Client	Solinet	LS-2	100.00%	100.00%
Law	98.50	6	0	?	0	32,341.00	Library	Solinet	LS-2	0.00%	0.00%
Total	...	...	65,896	450	0	39,535.00	...	Solinet	LS-2	89.04%	96.07%
Roanoke	90.50	7	12,811	78	104	1,798.82	Library	Solinet	Innovative	100.00%	0.00%
Saint Paul's	72.00	7	2,628	0	0	0.00	...	OCLC		35.93%	0.00%
Shenandoah	86.00	7	30,307	28	0	0.00	Client/Library	Solinet		76.26%	15.67%
Southern Seminary	84.00	7	5,052	0	0	0	...			0.00%	0.00%
Sweet Briar	106.00	7	19,554	108	0	3,288.00	Library	Solinet	Dynix	100.00%	100.00%
Union Theological	80.50	6	26,103	58	0	1,750.00	Library/Client	Solinet		70.00%	66.67%
U. Richmd: Academic	105.00	7	111,268	704	0	10,567.00	Library/Client	Solinet	Dynix	100.00%	?
Law	106.00	7	46,554	2,390	9,562	32,600.00	Library	Solinet	Dynix	25.00%	92.32%
Total	...	...	157,822	3,094	9,562	43,167.00	...	Solinet	Dynix	83.05%	?
Virginia College	24.00	4	1,340	0	0	0	...			0.00%	0.00%
Virginia Intermont	84.00	7	19,894	600	20	5,101.00	Library	Solinet	BIBASE	5.60%	3.10%
Virginia Sem. & Col.	...	...	...	...	...	...	...			...	...
Virginia Union	82.00	7	7,424	7	0	7,289.00	Library/Client	OCLC	Data Trek	98.99%	96.86%
Virginia Wesleyan	83.00	7	24,871	120	0	3,606.00	Library		Bibliofile	42.53%	0.00%
W. & L.: Academic	168.00	7	56,859	746	0	13,737.00	Library	Solinet	Innovative	100.00%	0.00%
Law	168.00	7	31,390	350	22,000	33,309.00	Library	Solinet	Innovative	98.56%	81.77%
Total	...	...	88,249	1,096	22,000	47,046.00	Library	Solinet	Innovative	99.95%	28.50%
All Independent	85.81	6.67	1,082,183	17,526	41,751	218,216.84	...	27	15	97.02%	31.52%
Previous Yr. (89/90)	87.58	6.73	897,911	7,873	32,971	214,638.00	...	27	10	67.50%	31.48%
Change Over Year	(1.77)	(0.06)	184,272	9,653	8,780	3,578.84	...	0	5	29.52%	0.04%
Percent Change	-2.02%	-0.89%	20.52%	122.60%	26.63%	1.67%	...	0.00%	50.00%	43.73%	0.12%

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TABLE 27 - INTERLIBRARY LOAN ACTIVITIES IN INDEPENDENT INSTITUTIONS, 1990/1991

Independent Institutions 1990-1991	All Loans		In-State Interlibrary Loan Activity					
			Requests to Lend Items			Requests to Borrow Items		
	Lent To Other Libraries	Borrowed from Other Libraries	Received	Filled	% Filled	Received	Filled	% Filled
Atlantic	1	14	0	0	...	20	13	65.00%
Averett	437	291	505	344	68.12%	259	243	93.82%
Bluefield	1	153	1	1	100.00%	97	97	100.00%
Bridgewater	554	299	374	329	87.97%	220	220	100.00%
CHRV Col. Health Sci	768	961	699	664	94.99%	769	730	94.93%
Christendom	29	199	10	9	90.00%	95	95	100.00%
Commonwealth	35	34	57	40	70.18%	38	38	100.00%
ECPI Computer Inst.	48	5	52	48	92.31%	10	5	50.00%
Eastern Mennonite	692	437	560	403	71.96%	370	350	94.59%
Eastern Va. Med. Sch	3,960	3,378	4,899	3,488	71.20%	2,898	2,710	93.51%
Emory and Henry	2,019	1,314	2,171	1,687	77.71%	1,056	985	93.28%
Ferrum	772	372	1,152	659	57.20%	375	324	86.40%
Hampden-Sydney	582	745	679	544	80.12%	607	574	94.56%
Hampton University	644	616	836	437	52.27%	778	540	69.41%
Hollins	646	1,572	437	306	70.02%	935	646	69.09%
Inst. Textile Tech.	...	...	...	...	...	...	...	...
Liberty University	2,623	926	2,579	1,780	69.02%	1,094	737	67.37%
Lynchburg	2,686	1,695	2,569	2,266	88.21%	1,757	1,525	86.80%
Mary Baldwin	596	1,032	655	499	76.18%	1,134	941	82.98%
Marymount	1,332	1,130	805	644	80.00%	419	209	49.88%
National Bus. Col.	0	0	0	0	...	0	0	...
Prot. Epis. Sem.	46	22	19	15	78.95%	11	9	81.82%
Randolph-Macon	686	1,532	558	521	93.37%	1,491	1,368	91.75%
Rand.-Macon Woman's	1,712	1,176	1,847	1,474	79.81%	949	894	94.20%
Regent: Academic	3,398	1,074	3,348	2,395	71.54%	808	519	64.23%
Law	432	102	654	432	66.06%	111	102	91.89%
Total	3,830	1,176	4,002	2,827	70.64%	919	621	67.57%
Roanoke	638	815	608	443	72.86%	696	654	93.97%
Saint Paul's	27	68	33	20	60.61%	64	63	98.44%
Shenandoah	65	247	129	65	50.39%	278	247	88.85%
Southern Seminary	9	32	9	9	100.00%	36	32	88.89%
Sweet Briar	1,842	2,113	1,932	1,426	73.81%	1,867	1,758	94.16%
Union Theological	1,583	518	678	526	77.58%	518	139	26.83%
U. Richmd: Academic	6,087	3,752	3,586	2,686	74.90%	2,808	2,308	82.19%
Law	677	236	562	551	98.04%	187	165	88.24%
Total	6,764	3,988	4,148	3,237	78.04%	2,995	2,473	82.57%
Virginia College	0	0	0	0	...	0	0	...
Virginia Intermont	20	410	15	11	73.33%	441	395	89.57%
Virginia Sem. & Col.	...	...	...	...	...	...	...	...
Virginia Union	8	35	12	7	58.33%	42	33	78.57%
Virginia Wesleyan	234	136	301	230	76.41%	195	120	61.54%
W. & L.: Academic	3,322	3,257	3,200	2,164	67.63%	2,800	2,509	89.61%
Law	910	611	754	582	77.19%	500	497	99.40%
Total	4,232	3,868	3,954	2,746	69.45%	3,300	3,006	91.09%
All Independent	40,120	31,295	37,285	27,705	74.31%	26,713	22,781	85.28%
Previous Yr. (89/90)	36,668	26,362	26,109	20,112	77.03%	19,601	16,763	85.52%
Change Over Year	3,452	4,933	11,176	7,593	-2.72%	7,112	6,018	-0.24%
Percent Change	9.41%	18.71%	42.81%	37.75%	-3.54%	36.28%	35.90%	-0.28%

TABLE 28 - INSTITUTIONAL RANKING BY FIFTEEN LIBRARY DATA ELEMENTS REPORTED BY ALL ACADEMIC INSTITUTIONS, 1990/1991

Institutions 1990-1991	Volumes Held	N of Per'dls	Govt Docs	FTE Staff	Student Asst	Matrl Exp	Salary Exp	Binding Exp	Other Exp	Total Exp	Pct of E&G	Hours Open	N of Circs	ILL Lent	ILL Borrowed
Christopher Newport	29	17	29	23	14	23	18	22	10	17	9	34	13	16	12
Clinch Valley	34	22	22	32	26	26	35	28	19	31	13	42	40	37	26
George Mason	6	5	4	6	8	4	6	5	17	5	34	12	3	5	3
James Madison	9	10	5	8	10	12	9	7	5	8	20	10	4	9	4
Longwood College	15	14	20	16	41	20	16	21	31	22	18	29	10	13	30
Mary Washington	14	20	14	21	18	18	15	33	22	20	16	22	15	19	17
Norfolk State	10	11	29	14	19	27	14	23	16	21	66	41	20	12	40
Old Dominion	5	8	8	5	34	7	5	6	11	6	27	21	5	4	9
Radford University	20	12	23	13	9	11	11	10	73	12	33	16	11	24	10
Univ. of Va.	1	1	1	1	1	1	1	1	1	1	21	2	1	1	1
V. C. U.	4	4	6	3	3	3	3	4	3	3	53	25	6	2	8
V. M. I.	18	26	10	24	24	22	22	15	6	16	8	7	30	22	32
Virginia Tech	2	2	3	2	2	2	2	2	2	2	59	4	2	3	2
Virginia State	16	13	9	21	12	10	20	19	20	18	46	26	23	26	23
William and Mary	3	3	2	4	5	5	4	3	4	4	6	14	7	7	5
Blue Ridge	53	51	29	61	58	49	60	57	50	55	38	61	61	64	59
Central Virginia	58	66	29	65	70	58	54	57	64	53	63	51	51	44	49
D. S. Lancaster	56	47	29	69	55	69	64	56	57	68	58	60	44	50	48
Danville	54	60	18	52	64	60	38	52	65	47	42	54	34	71	70
Eastern Shore	71	74	29	71	71	70	65	57	47	65	17	70	63	57	60
Germanna	69	72	29	73	66	67	62	57	72	67	57	73	54	71	71
J. S. Reynolds	44	40	29	27	51	43	19	53	27	24	339	47	31	43	63
John Tyler	57	62	29	55	59	57	41	51	51	49	60	66	53	56	58
Lord Fairfax	55	52	29	61	61	48	68	54	56	64	54	53	29	61	44
Mountain Empire	68	48	29	65	60	59	55	47	60	52	62	62	50	58	50
New River	65	56	29	60	45	53	58	57	48	54	72	50	21	64	54
Northern Virginia	11	28	29	7	38	15	7	40	15	10	37	42	8	41	46
Patrick Henry	67	45	16	61	68	54	63	43	41	58	50	59	64	40	62
Paul D. Camp	70	62	29	53	57	73	52	57	68	59	29	69	70	64	55
Piedmont Virginia	66	59	75	49	71	51	46	57	59	50	43	56	27	64	73
Rappahannock	52	55	27	56	53	66	53	57	63	56	31	70	43	63	35
Southside Virginia	62	54	29	57	63	61	61	57	54	63	68	65	57	45	37
Southwest Virginia	59	58	29	58	34	55	51	57	46	51	74	57	42	62	38
Thomas Nelson	46	44	29	30	32	44	30	50	44	36	51	51	18	52	61
Tidewater	28	25	29	11	47	25	13	44	42	19	35	57	16	25	14
Virginia Highlands	63	67	29	64	44	64	59	57	62	61	61	66	45	47	34
Virginia Western	43	46	29	50	50	52	40	35	53	46	71	47	28	42	55
Wytheville	64	56	29	65	40	62	57	55	67	60	65	66	58	64	47
Richard Bland	49	64	29	74	69	47	70	37	69	66	45	70	66	71	69

TABLE 28 - CONTINUED

Institutions 1990-1991	Volumes Held	N of Per'dls	Govt Docs	FTE Staff	Student Asst	Matrl Exp	Salary Exp	Binding Exp	Other Exp	Total Exp	Pct of E&G	Hours Open	N of Circs	ILL Lent	ILL Borrowed
Atlantic	50	70	29	37	71	74	56	34	66	62	1	44	52	64	68
Averett	40	42	29	46	31	42	39	41	28	42	26	44	46	38	43
Bluefield	48	69	29	65	62	65	72	45	55	73	47	54	71	64	52
Bridgewater	30	39	155	46	30	34	43	32	39	41	52	31	37	36	42
CHRV Col. Health-Sci	74	65	29	70	56	63	71	46	52	70	24	47	67	28	25
Christendom	60	68	29	32	46	72	67	48	61	69	10	15	62	53	51
Commonwealth	72	41	29	26	71	36	47	57	38	43	49	62	68	51	65
ECPI Computer Inst.	73	52	29	50	65	56	74	57	35	71	73	74	74	48	72
Eastern Mennonite	35	27	29	42	15	39	42	39	25	38	36	27	26	29	35
Eastern Va. Med. Sch	47	21	26	20	67	16	23	13	7	15	55	5	24	10	10
Emory and Henry	31	24	12	39	33	28	37	25	26	33	14	12	25	17	18
Ferrum	41	38	29	40	37	37	45	16	30	39	40	36	56	27	41
Hampden-Sydney	23	34	17	32	25	14	33	20	18	23	15	3	55	35	29
Hampton University	12	16	13	12	17	13	21	57	8	13	56	39	19	32	31
Hollins	19	18	29	25	29	31	25	24	29	28	23	18	48	31	15
Inst. Textile Tech.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Liberty University	22	19	25	19	11	41	26	57	73	34	75	18	12	15	27
Lynchburg	24	35	29	31	22	19	27	29	36	26	44	27	22	14	13
Mary Baldwin	27	36	29	46	28	35	48	27	45	44	64	16	35	34	24
Marymount	37	23	29	17	39	17	17	12	9	14	12	23	33	23	22
National Bus. Col.	61	73	28	40	48	68	69	57	70	72	70	62	72	71	74
Prot. Epis. Sem.	36	31	29	44	52	38	32	17	13	29	4	38	59	49	67
Randolph-Macon	32	33	21	28	35	21	29	14	23	25	22	10	39	30	16
Rand.-Macon Woman's	25	32	29	36	24	29	34	42	40	35	41	9	41	20	21
Regent University	17	9	29	15	6	9	12	11	21	11	2	20	17	11	20
Roanoke	26	29	19	29	36	30	31	30	32	32	48	23	60	33	28
Saint Paul's	42	61	24	53	43	45	49	57	49	48	28	46	73	54	57
Shenandoah	38	37	29	45	27	32	50	36	33	40	32	29	32	46	45
Southern Seminary	51	71	28	72	54	71	73	49	71	74	69	32	69	59	66
Sweet Briar	21	30	29	35	16	24	28	18	34	27	19	5	49	18	11
Union Theological	13	15	29	18	23	33	24	26	43	30	5	40	36	21	33
Univ. of Richmond	8	7	7	9	7	6	8	9	14	7	11	7	9	6	6
Virginia College	75	75	29	75	71	75	75	57	73	75	3	74	75	71	74
Virginia Intermont	45	49	29	59	49	50	66	38	37	57	30	32	47	55	39
Virginia Sem. & Col.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Virginia Union	33	50	29	38	20	46	44	--	58	45	67	37	65	60	64
Virginia Wesleyan	39	43	29	43	21	40	36	31	24	37	25	34	38	29	53
Washington and Lee	7	6	11	10	13	8	10	8	12	9	7	1	145	8	7
N OF LIBRARIES	75	75	75	75	75	75	75	74	75	75	75	75	75	75	75
N OF RANKS	75	75	29	75	71	75	75	57	73	75	75	75	75	71	74